

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071118\
 Data File : VN049759.D
 Acq On : 11 Jul 2018 15:00
 Operator : MD\SY
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 12 01:53:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 01:52:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	254070	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1394551	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	1215184	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	528350	30.76	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.53%
60) 4-Bromofluorobenzene	12.40	95	558711	29.78	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.27%
63) Toluene-d8	10.09	98	1732077	30.50	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.67%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	407156	21.418	ug/l 97
3) Chloromethane	2.06	50	397207	20.217	ug/l 100
4) Vinyl Chloride	2.18	62	420410	20.221	ug/l 98
5) Bromomethane	2.57	94	260375	20.748	ug/l 99
6) Chloroethane	2.70	64	241190	19.988	ug/l 99
7) Trichlorofluoromethane	3.01	101	534105	20.307	ug/l 98
8) Diethyl Ether	3.41	74	178719	19.887	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	329903	20.831	ug/l 68
10) 1,1-Dichloroethene	3.73	96	292534	20.054	ug/l 94
11) Methyl Iodide	3.95	142	416132	19.188	ug/l 99
12) Methyl Acetate	4.33	43	293521	20.592	ug/l 98
13) Acrolein	3.61	56	147199	98.744	ug/l 100
14) Acrylonitrile	5.00	53	493715	96.566	ug/l 99
15) Acetone	3.82	58	130065	100.832	ug/l 87
16) Carbon Disulfide	4.05	76	895134	19.853	ug/l 100
17) Allyl chloride	4.32	41	454905	19.750	ug/l 99
18) Methylene Chloride	4.55	84	339785	19.635	ug/l 99
19) trans-1,2-Dichloroethene	5.04	96	304915	19.798	ug/l 97
20) Diisopropyl ether	5.96	45	929953	20.004	ug/l 98
21) 1,1-Dichloroethane	5.85	63	570183	19.980	ug/l 99
22) cis-1,2-Dichloroethene	6.83	96	336760	19.633	ug/l 99
23) tert-Butyl Alcohol	4.81	59	107605	100.474	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	772375	19.908	ug/l 100
25) Chloroform	7.37	83	571731	19.842	ug/l 100
26) Cyclohexane	7.65	56	462035	19.175	ug/l 99
29) 1,1-Dichloropropene	7.79	75	432706	19.496	ug/l 100
30) 2-Butanone	6.84	43	596725	96.520	ug/l 99
31) 2,2-Dichloropropane	6.83	77	479474	20.150	ug/l 100
32) 1,1,1-Trichloroethane	7.57	97	495349	19.418	ug/l 99
33) Carbon Tetrachloride	7.77	117	440251	19.468	ug/l 99
34) Benzene	8.04	78	1288135	19.356	ug/l 99
35) Methacrylonitrile	7.17	41	113384	16.056	ug/l 98
36) 1,2-Dichloroethane	8.13	62	417023	19.630	ug/l 99
37) Trichloroethene	8.84	130	335890	19.370	ug/l 98
38) Methylcyclohexane	9.08	83	452565	18.926	ug/l 99
39) 1,2-Dichloropropane	9.12	63	335209	19.400	ug/l 95
40) Dibromomethane	9.21	93	205854	19.813	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	432993	19.377	ug/l	98
42) Vinyl Acetate	5.90	43	3119072	95.069	ug/l	100
43) Ethyl Acetate	6.93	43	267883	20.521	ug/l	93
44) Isopropyl Acetate	8.17	43	460415	18.862	ug/l	99
45) 1,4-Dioxane	9.20	88	61689	383.864	ug/l	96
46) Methyl methacrylate	9.20	41	236738	19.343	ug/l	100
47) n-amyl Acetate	12.07	43	380242	18.493	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	429437	19.072	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	496893	19.170	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	295735	19.572	ug/l	98
51) Ethyl methacrylate	10.43	69	345605	18.750	ug/l	100
52) 1,3-Dichloropropane	10.71	76	482134	19.430	ug/l	98
53) Dibromochloromethane	10.90	129	323617	18.944	ug/l	99
54) 1,2-Dibromoethane	11.01	107	281664	19.179	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	902236	96.102	ug/l	99
56) Bromoform	12.13	173	217176	18.560	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	1299378	98.357	ug/l	99
59) 2-Hexanone	10.75	43	897115	100.883	ug/l	99
61) Tetrachloroethene	10.63	164	302130	19.815	ug/l	96
62) Toluene	10.16	91	1380699	19.825	ug/l	100
64) Chlorobenzene	11.44	112	833426	19.504	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	319385	19.694	ug/l	99
66) Ethyl Benzene	11.51	91	1409768	19.296	ug/l	99
67) m/p-Xylenes	11.62	106	1105488	39.335	ug/l	100
68) o-Xylene	11.95	106	521941	19.437	ug/l	99
69) Styrene	11.97	104	825694	19.263	ug/l	100
70) Isopropylbenzene	12.25	105	1394621	19.582	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	362464	19.830	ug/l	100
72) 1,2,3-Trichloropropane	12.56	75	433165	29.597	ug/l	53
73) Bromobenzene	12.53	156	358549	19.203	ug/l	98
74) n-propylbenzene	12.59	91	1603047	19.444	ug/l	99
75) 2-Chlorotoluene	12.68	91	963839	19.492	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	1135949	19.626	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	93605	18.248	ug/l	92
78) 4-Chlorotoluene	12.78	91	960049	19.471	ug/l	99
79) tert-butylbenzene	13.00	119	963336	19.175	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	1152071	19.717	ug/l	99
81) sec-Butylbenzene	13.17	105	1333358	19.760	ug/l	100
82) p-Isopropyltoluene	13.29	119	1143698	19.600	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	626260	19.330	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	602511	19.415	ug/l	99
85) n-Butylbenzene	13.62	91	903293	19.015	ug/l	100
86) Hexachloroethane	13.88	117	213347	19.222	ug/l	99
87) 1,2-Dichlorobenzene	13.66	146	616877	19.769	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	54386	19.979	ug/l	95
89) 1,2,4-Trichlorobenzene	14.91	180	291584	18.505	ug/l	99
90) Hexachlorobutadiene	15.01	225	208171	20.760	ug/l	97
91) Naphthalene	15.14	128	607834	17.503	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	304407	19.259	ug/l	100

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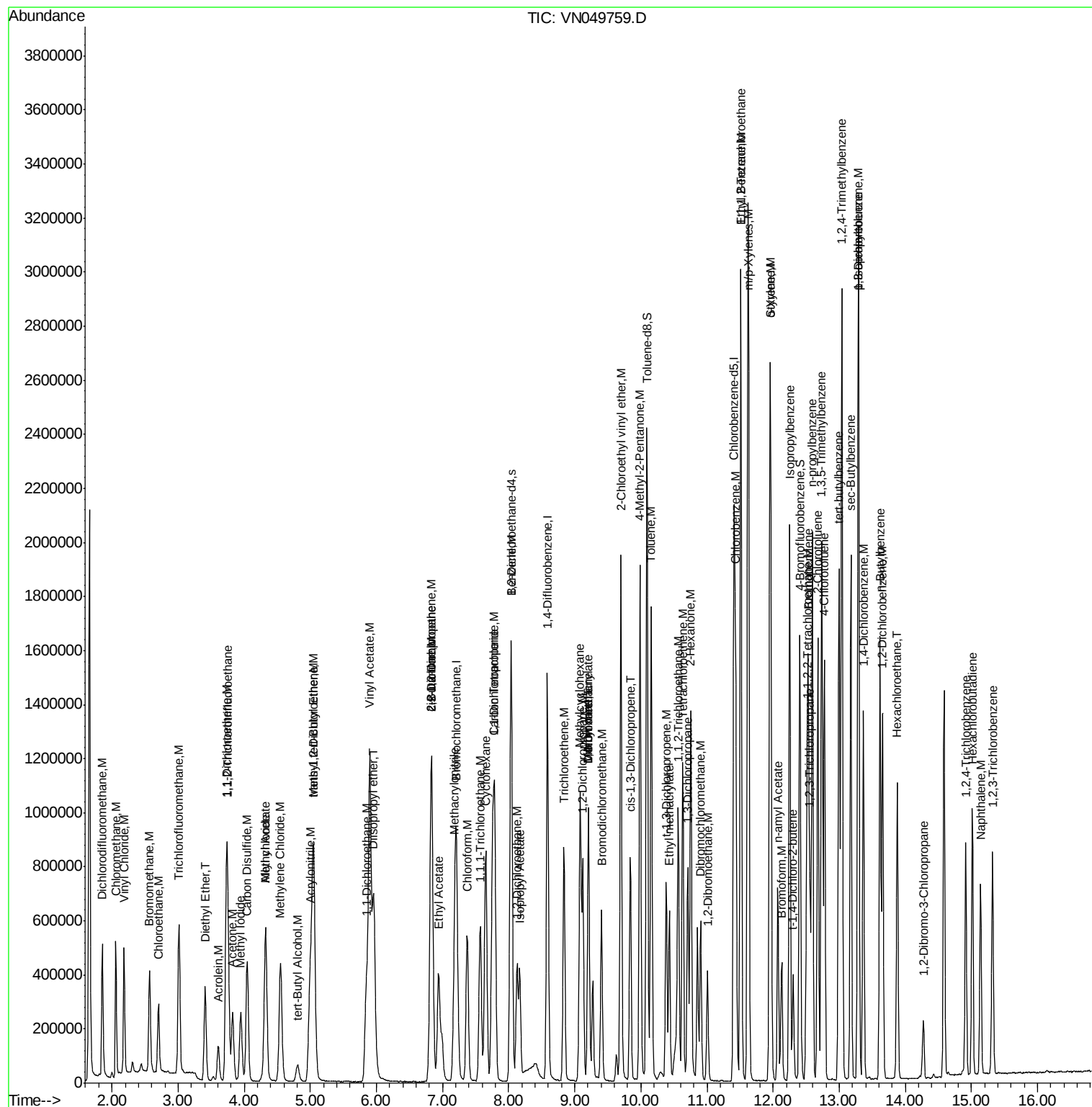
Quant Time: Jul 12 01:53:49 2018
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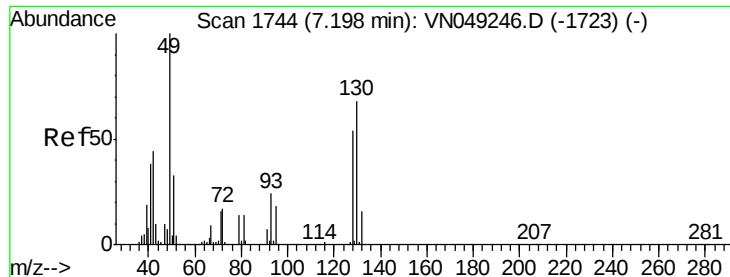
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

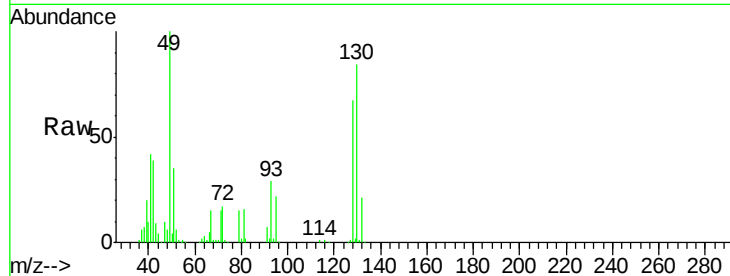
RT: 7.19 min Scan# 1743

Delta R.T. -0.00 min

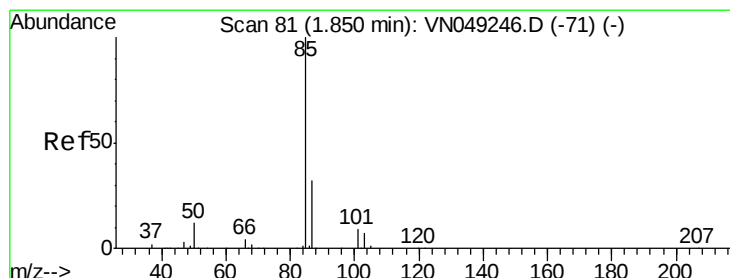
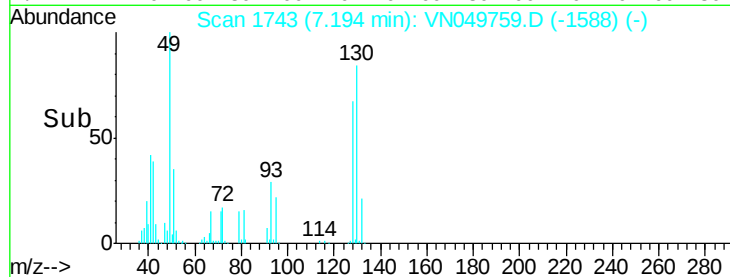
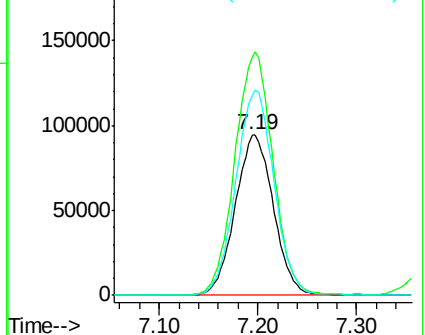
Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

Tgt Ion:	128	Resp:	254070
Ion	Ratio	Lower	Upper
128	100		
49	151.5	0.0	378.3
130	127.8	0.0	320.7



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): V
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 21.418 ug/l

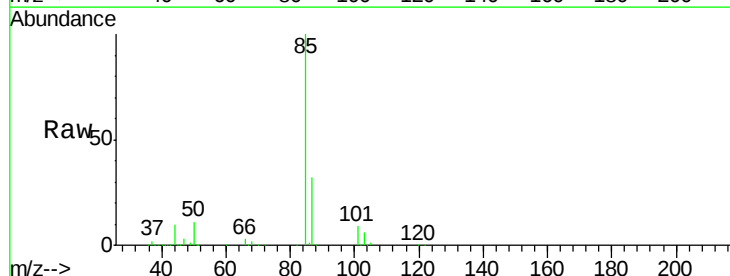
RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

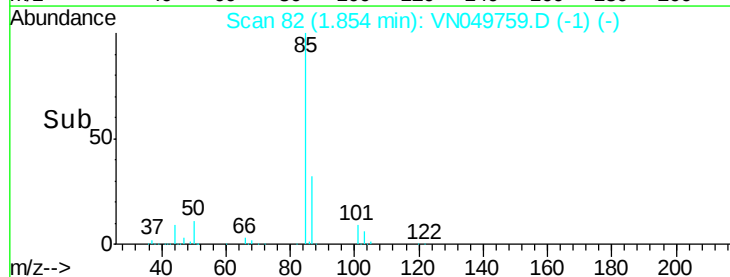
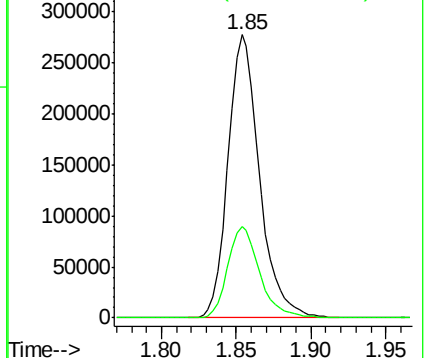
Lab File: VN049759.D

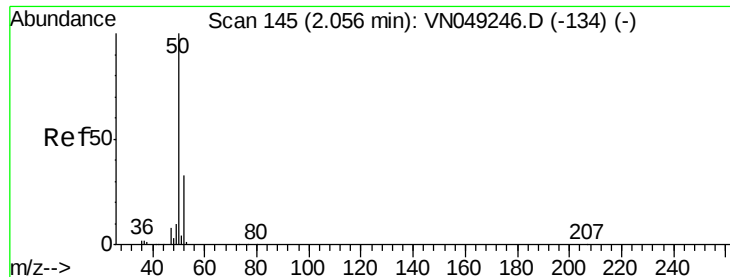
Acq: 11 Jul 2018 15:00

Tgt Ion:	85	Resp:	407156
Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.4	46.4



Abundance Ion 85.00 (84.70 to 85.70): V
Ion 87.00 (86.70 to 87.70): V





#3

Chloromethane

Concen: 20.217 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049759.D

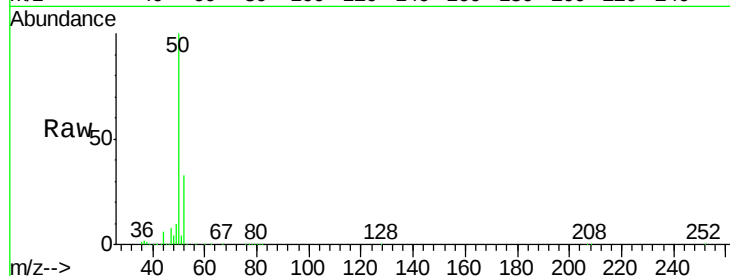
Acq: 11 Jul 2018 15:00

Tgt Ion: 50 Resp: 397207

Ion Ratio Lower Upper

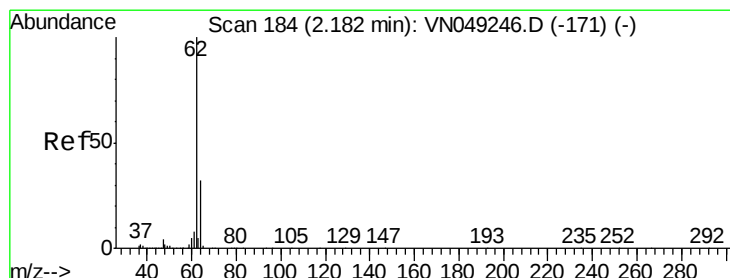
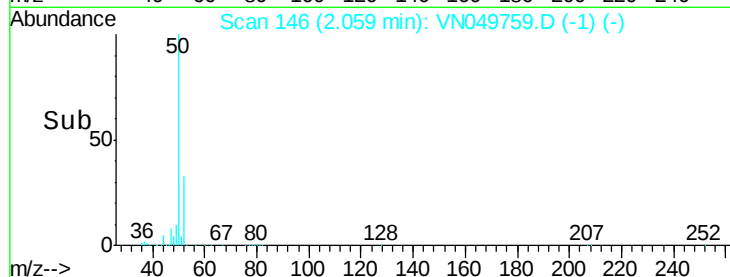
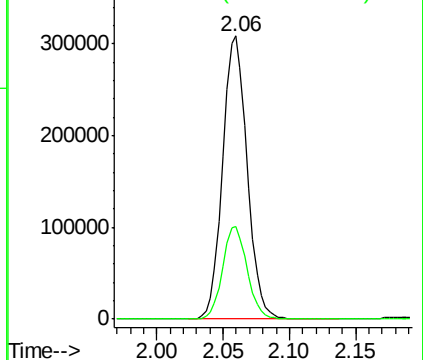
50 100

52 32.8 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 20.221 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049759.D

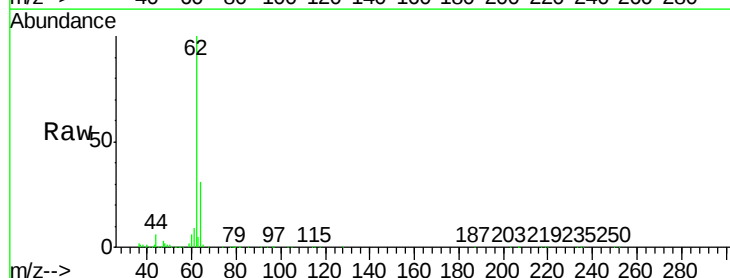
Acq: 11 Jul 2018 15:00

Tgt Ion: 62 Resp: 420410

Ion Ratio Lower Upper

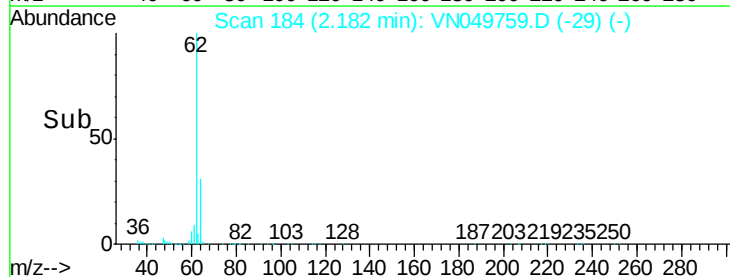
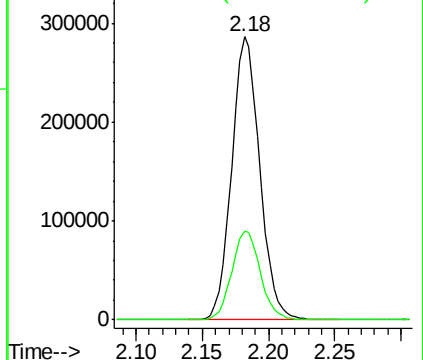
62 100

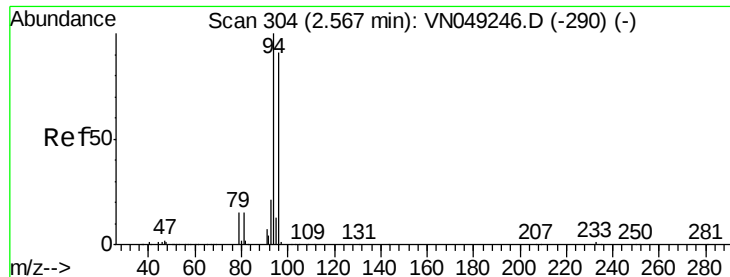
64 31.3 24.4 36.6



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 20.748 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049759.D

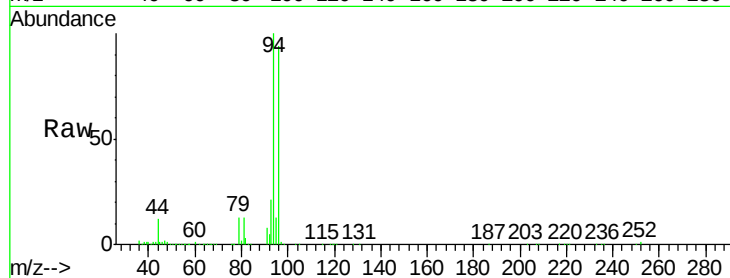
Acq: 11 Jul 2018 15:00

Tgt Ion: 94 Resp: 260375

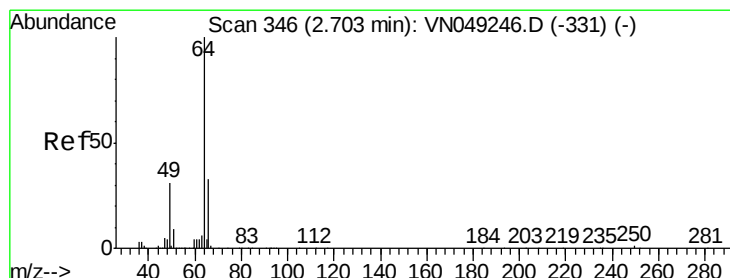
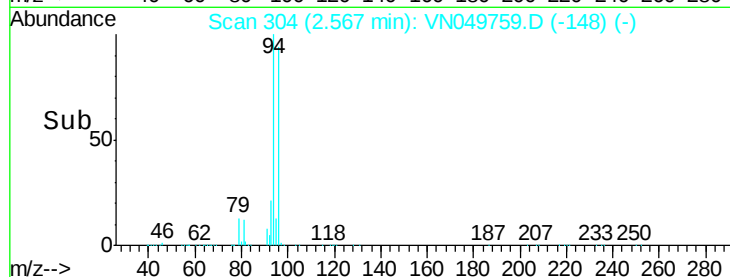
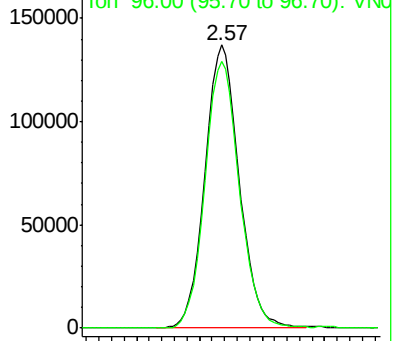
Ion Ratio Lower Upper

94 100

96 94.3 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VN049759.D (-148) (-)



#6

Chloroethane

Concen: 19.988 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049759.D

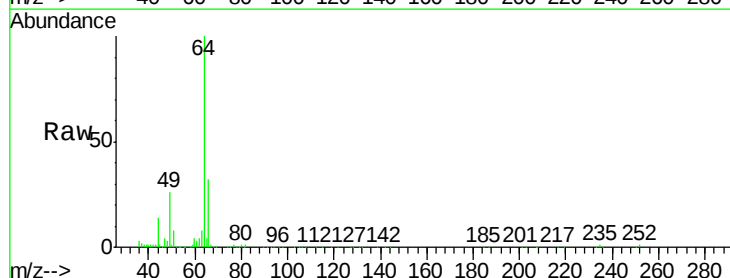
Acq: 11 Jul 2018 15:00

Tgt Ion: 64 Resp: 241190

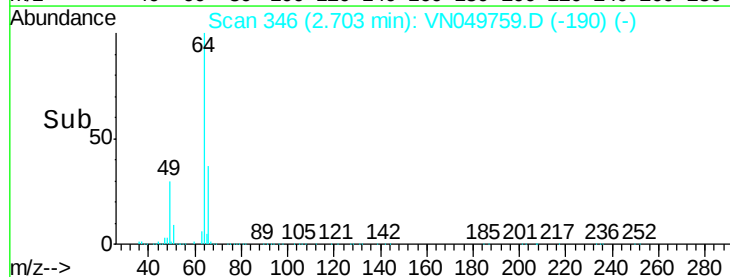
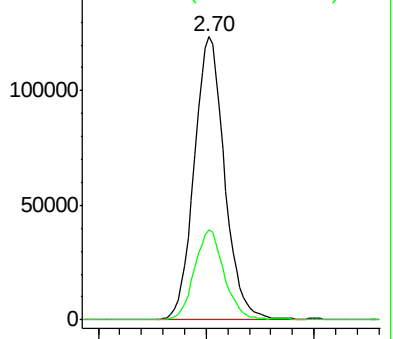
Ion Ratio Lower Upper

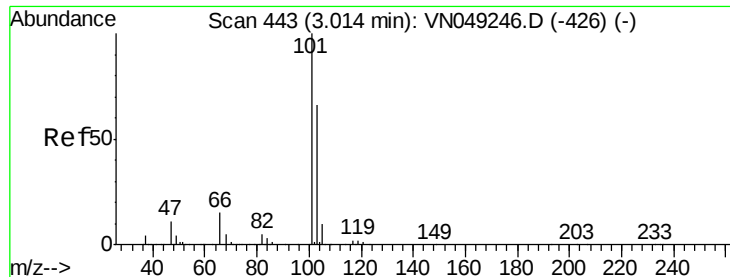
64 100

66 31.6 25.0 37.4



Abundance Ion 64.00 (63.70 to 64.70): VN049759.D (-190) (-)

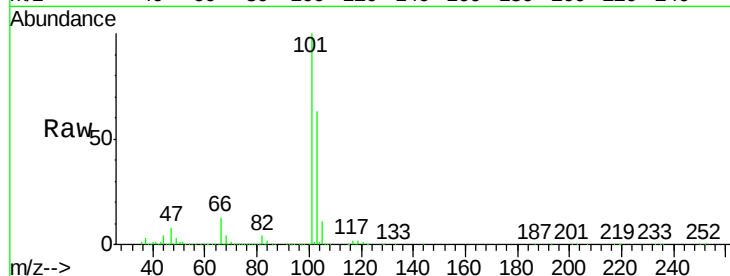




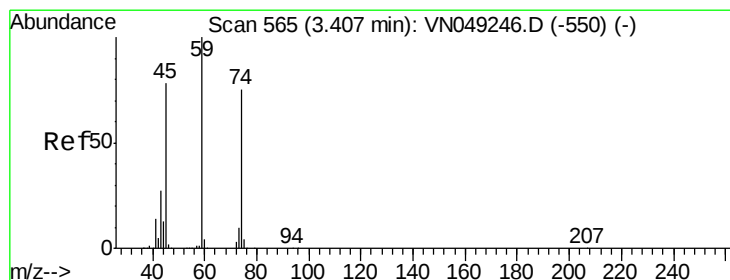
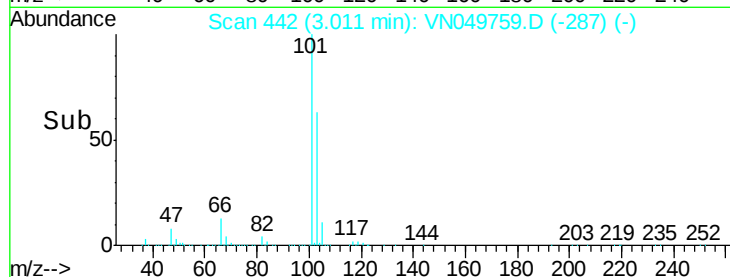
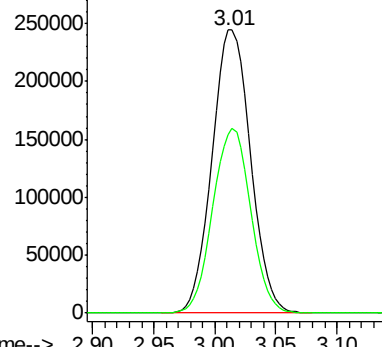
#7

Trichlorofluoromethane
Concen: 20.307 ug/l
RT: 3.01 min Scan# 442
Delta R.T. -0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion: 101 Resp: 534105
Ion Ratio Lower Upper
101 100
103 62.9 51.5 77.3



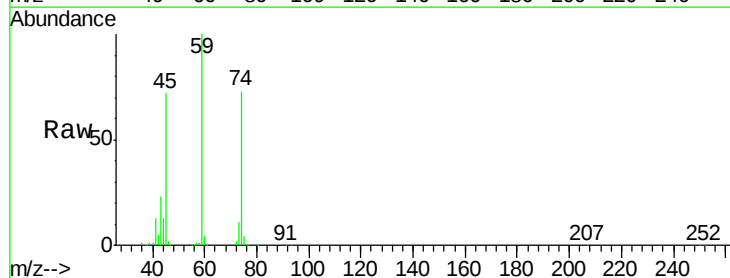
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



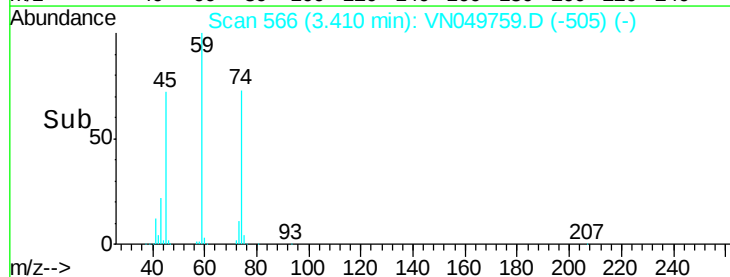
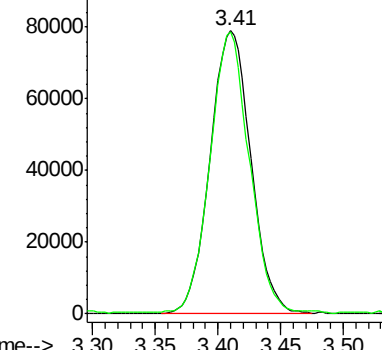
#8

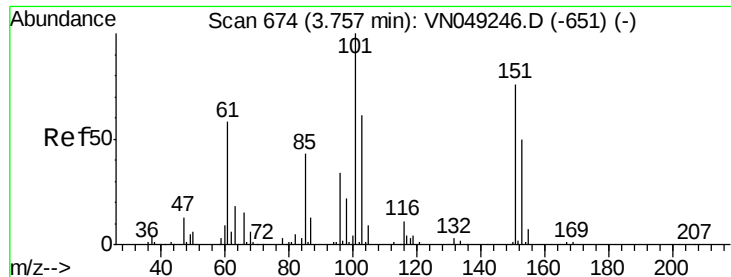
Diethyl Ether
Concen: 19.887 ug/l
RT: 3.41 min Scan# 566
Delta R.T. -0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion: 74 Resp: 178719
Ion Ratio Lower Upper
74 100
45 95.3 18.7 167.9



Abundance Ion 74.00 (73.70 to 74.70): V
Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.831 ug/l

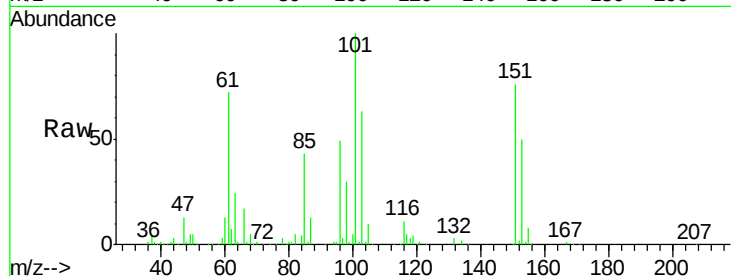
RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

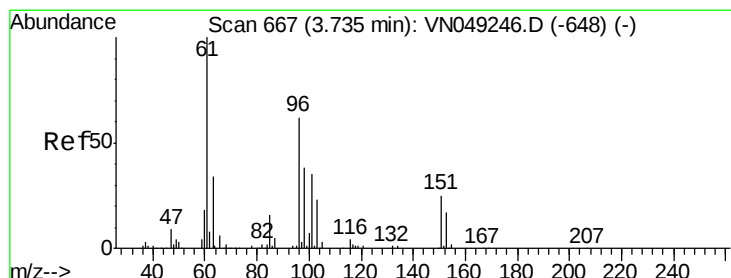
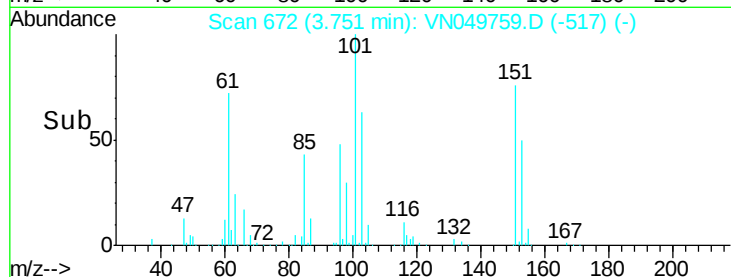
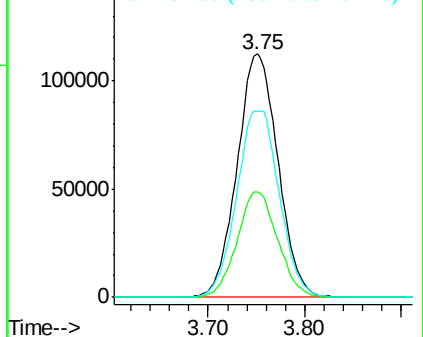
Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

Tgt Ion:	101	Resp:	329903
Ion	Ratio	Lower	Upper
101	100		
85	43.0	0.0	83.0
151	41.0	0.0	166.8



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): V
Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.054 ug/l

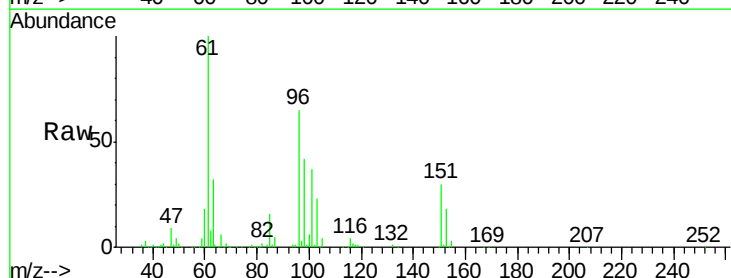
RT: 3.73 min Scan# 666

Delta R.T. -0.00 min

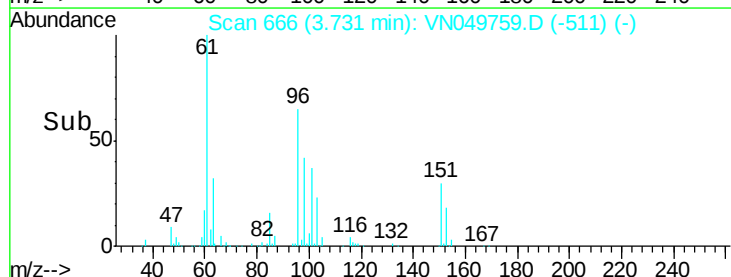
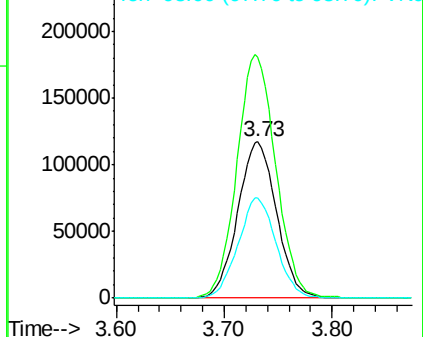
Lab File: VN049759.D

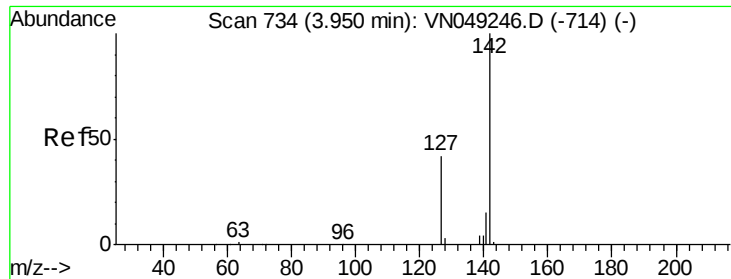
Acq: 11 Jul 2018 15:00

Tgt Ion:	96	Resp:	292534
Ion	Ratio	Lower	Upper
96	100		
61	154.3	130.6	195.8
98	64.3	53.5	80.3



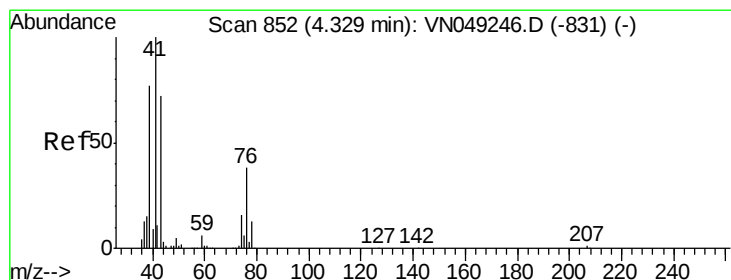
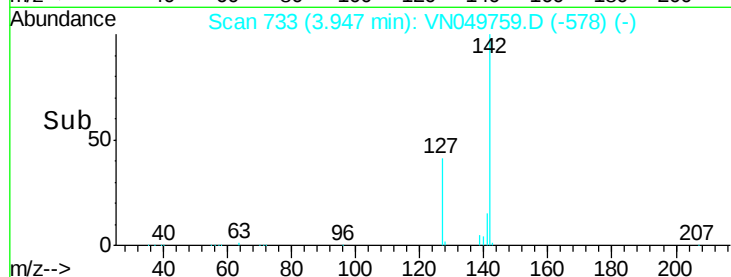
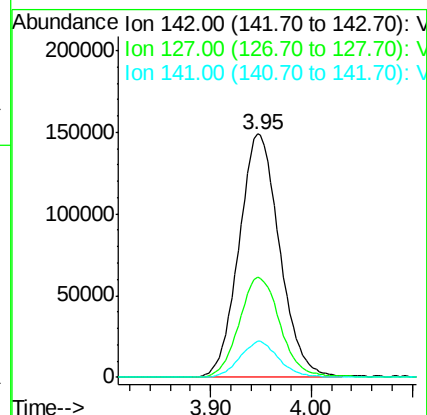
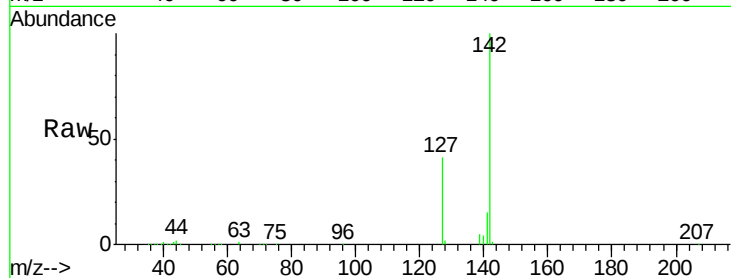
Abundance Ion 96.00 (95.70 to 96.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 98.00 (97.70 to 98.70): V





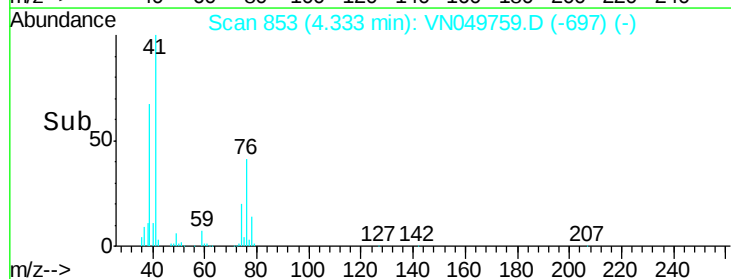
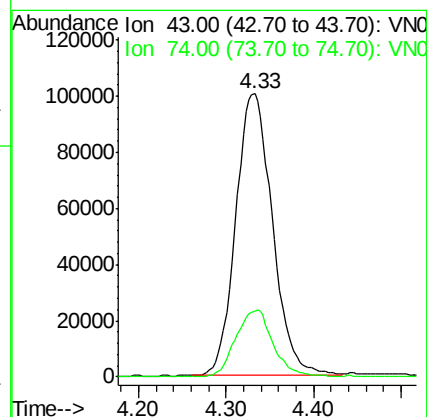
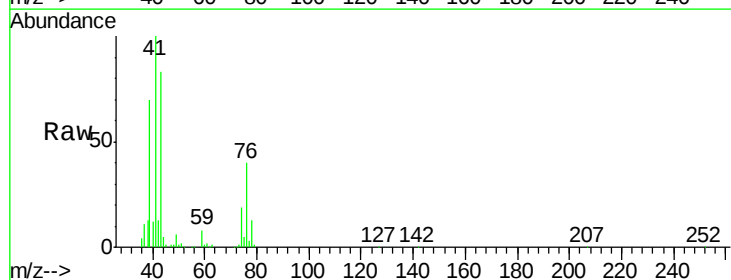
#11
Methyl Iodide
Concen: 19.188 ug/l
RT: 3.95 min Scan# 733
Delta R.T. -0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

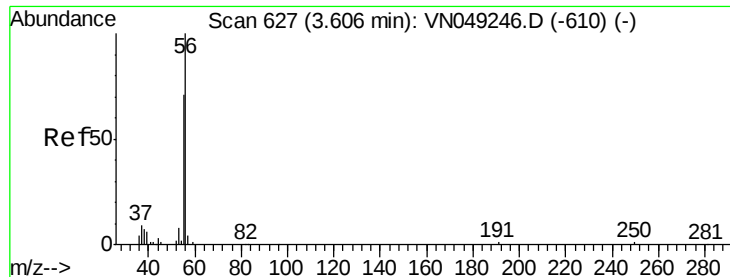
Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.8	20.2	60.5
141	15.0	6.9	20.6



#12
Methyl Acetate
Concen: 20.592 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	19.3	28.9





#13

Acrolein

Concen: 98.744 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049759.D

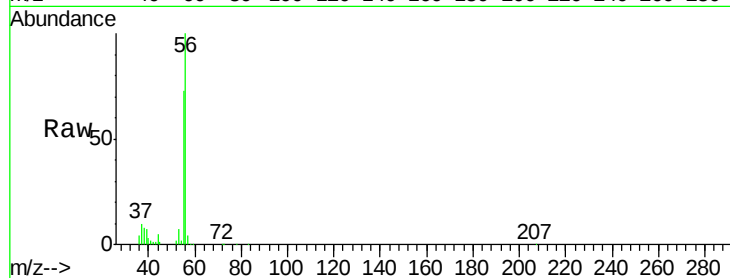
Acq: 11 Jul 2018 15:00

Tgt Ion: 56 Resp: 147199

Ion Ratio Lower Upper

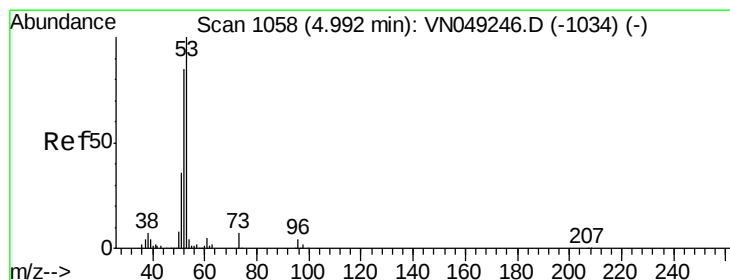
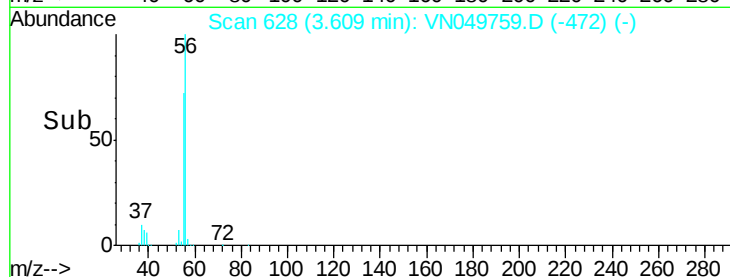
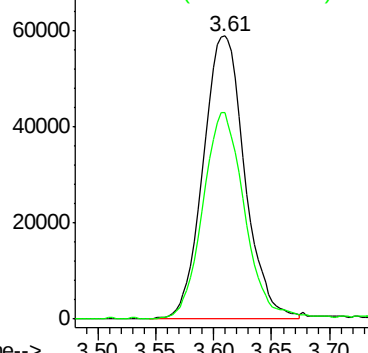
56 100

55 73.2 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 96.566 ug/l

RT: 5.00 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

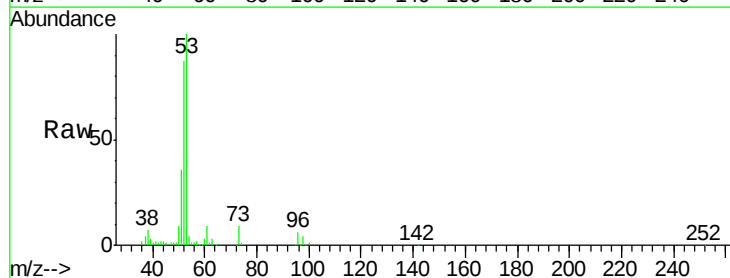
Tgt Ion: 53 Resp: 493715

Ion Ratio Lower Upper

53 100

52 83.4 41.5 124.5

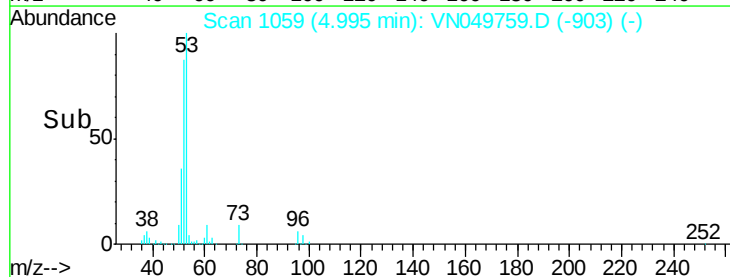
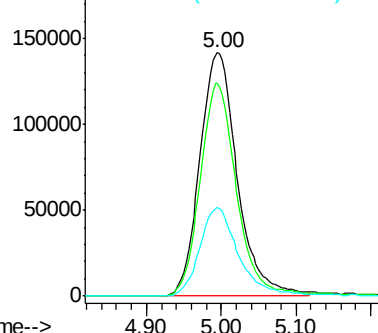
51 36.9 18.7 56.1

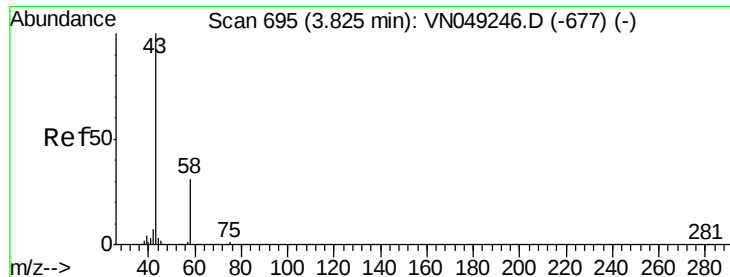


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 100.832 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049759.D

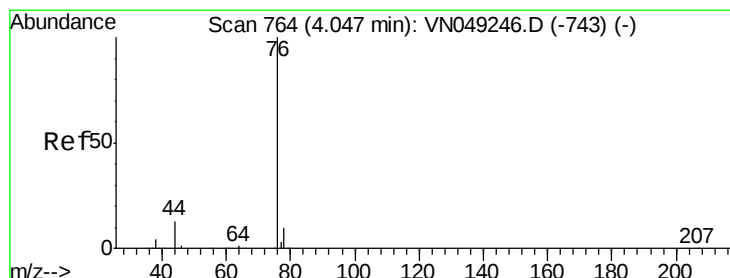
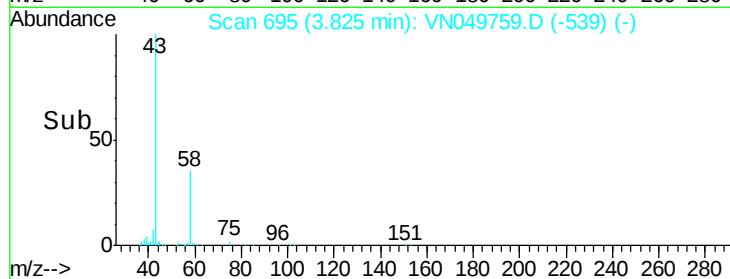
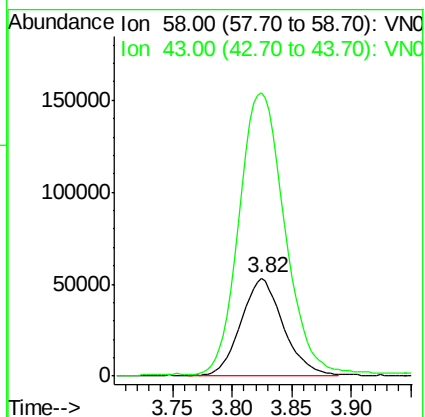
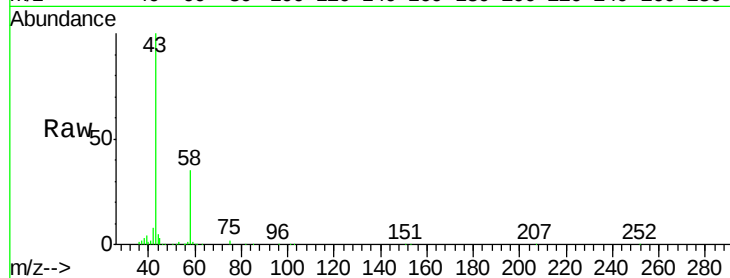
Acq: 11 Jul 2018 15:00

Tgt Ion: 58 Resp: 130065

Ion Ratio Lower Upper

58 100

43 288.4 252.0 378.0



#16

Carbon Disulfide

Concen: 19.853 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN049759.D

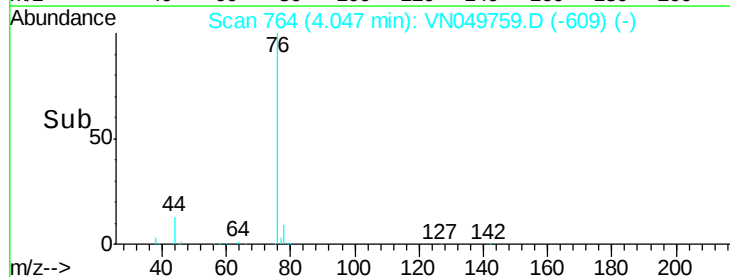
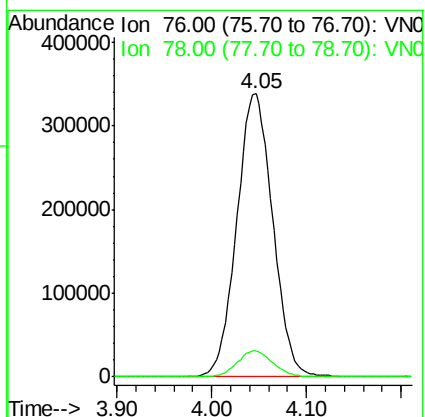
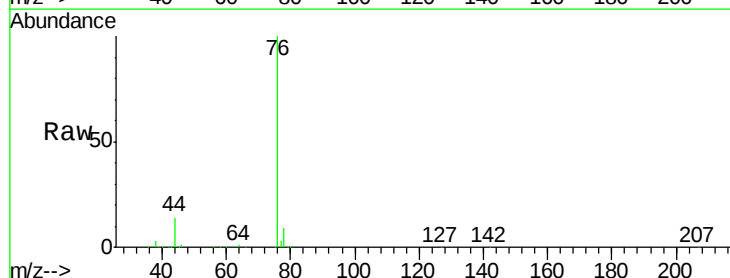
Acq: 11 Jul 2018 15:00

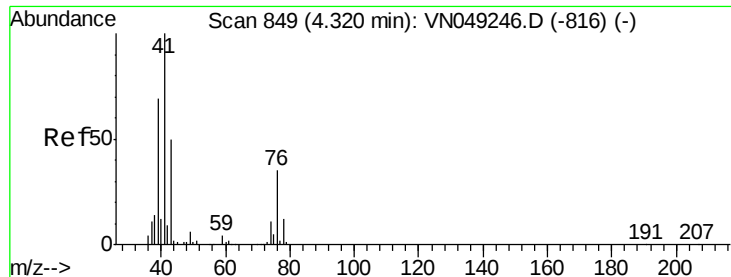
Tgt Ion: 76 Resp: 895134

Ion Ratio Lower Upper

76 100

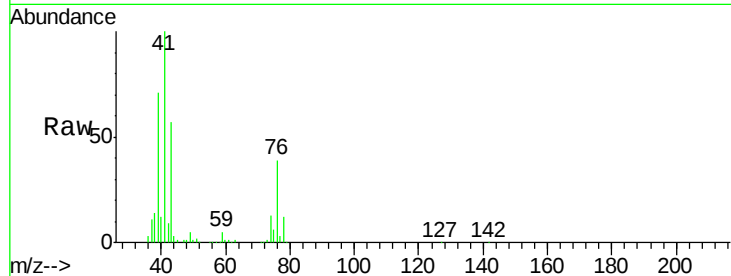
78 9.0 7.3 10.9





#17
 Allyl chloride
 Concen: 19.750 ug/l
 RT: 4.32 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: VN049759.D
 Acq: 11 Jul 2018 15:00

Tgt Ion	Ratio	Lower	Upper
41	100		
39	70.7	35.4	106.3
76	38.6	19.7	59.1

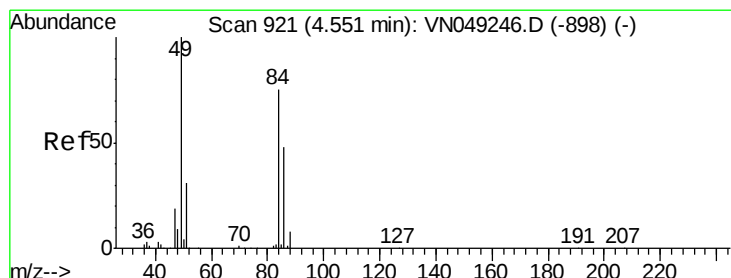
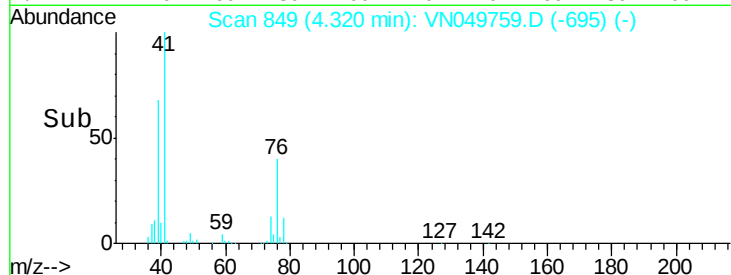
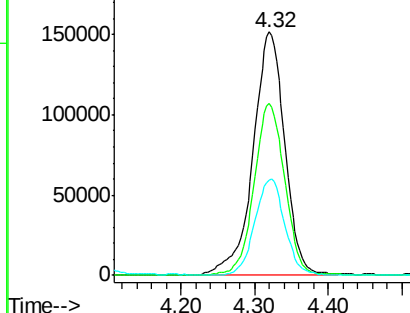


Abundance

Ion 41.00 (40.70 to 41.70): VNO

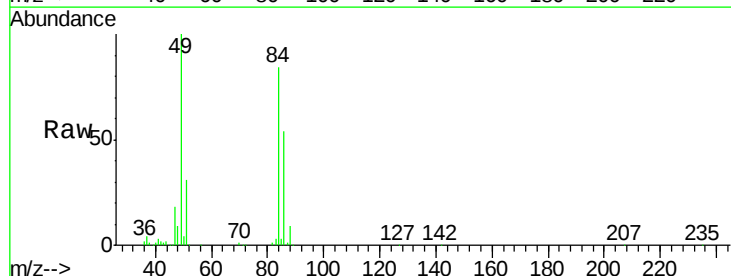
Ion 39.00 (38.70 to 39.70): VNO

Ion 76.00 (75.70 to 76.70): VNO



#18
 Methylene Chloride
 Concen: 19.635 ug/l
 RT: 4.55 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN049759.D
 Acq: 11 Jul 2018 15:00

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.1	95.1	142.7
51	36.4	28.8	43.2
86	63.5	52.3	78.5



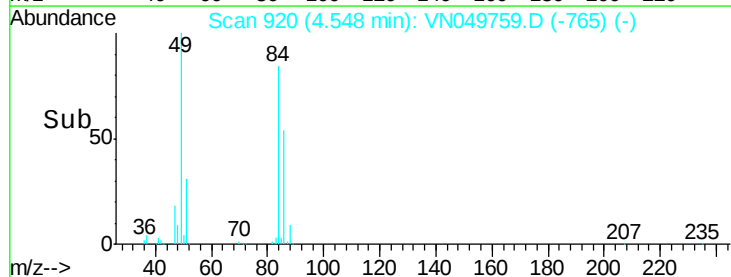
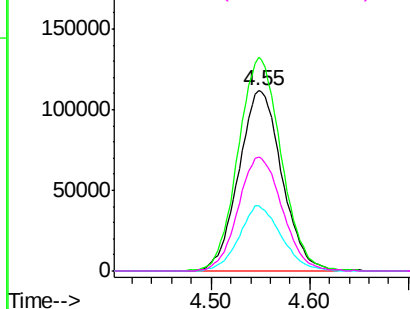
Abundance

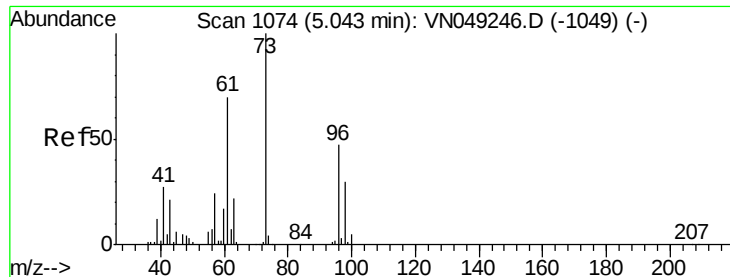
Ion 84.00 (83.70 to 84.70): VNO

Ion 49.00 (48.70 to 49.70): VNO

Ion 51.00 (50.70 to 51.70): VNO

Ion 86.00 (85.70 to 86.70): VNO





#19

trans-1,2-Dichloroethene

Concen: 19.798 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

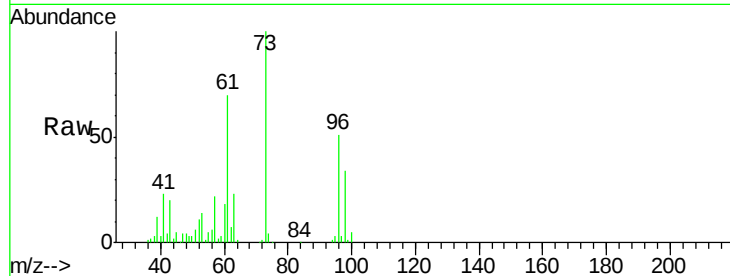
Tgt Ion: 96 Resp: 304915

Ion Ratio Lower Upper

96 100

61 136.2 112.1 168.1

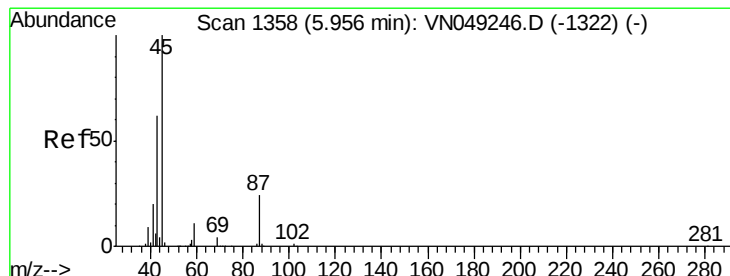
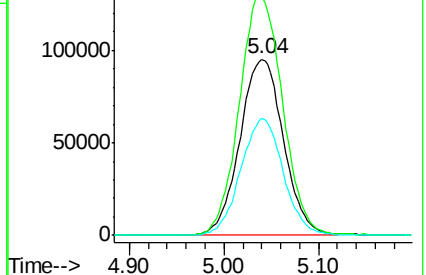
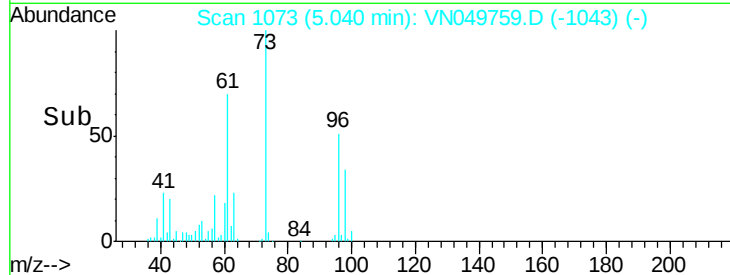
98 66.5 51.3 76.9



Abundance Ion 96.00 (95.70 to 96.70): VN049759.D (-1043) (-)

Ion 61.00 (60.70 to 61.70): VN049759.D (-1043) (-)

Ion 98.00 (97.70 to 98.70): VN049759.D (-1043) (-)



#20

Diisopropyl ether

Concen: 20.004 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

Tgt Ion: 45 Resp: 929953

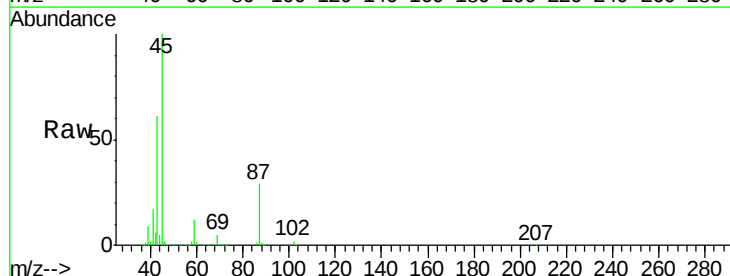
Ion Ratio Lower Upper

45 100

43 60.4 46.6 70.0

87 29.0 22.3 33.5

59 12.1 9.5 14.3

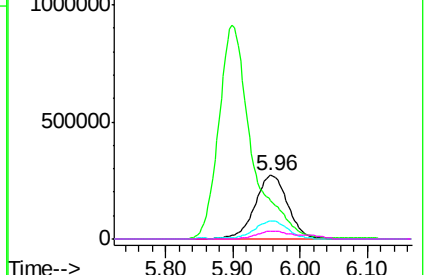
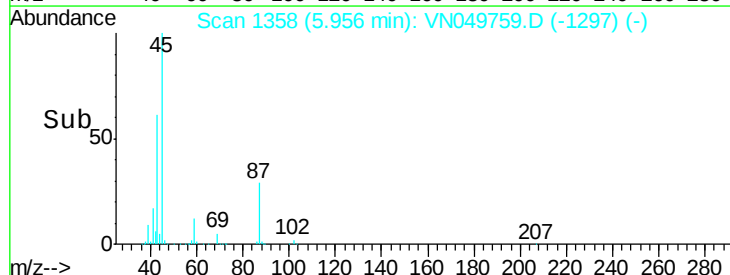


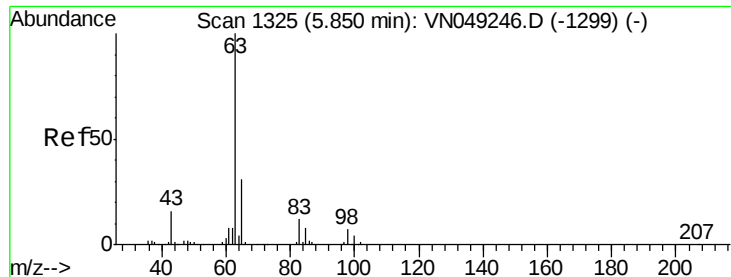
Abundance Ion 45.00 (44.70 to 45.70): VN049759.D (-1297) (-)

Ion 43.00 (42.70 to 43.70): VN049759.D (-1297) (-)

Ion 87.00 (86.70 to 87.70): VN049759.D (-1297) (-)

Ion 59.00 (58.70 to 59.70): VN049759.D (-1297) (-)





#21

1,1-Dichloroethane

Concen: 19.980 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

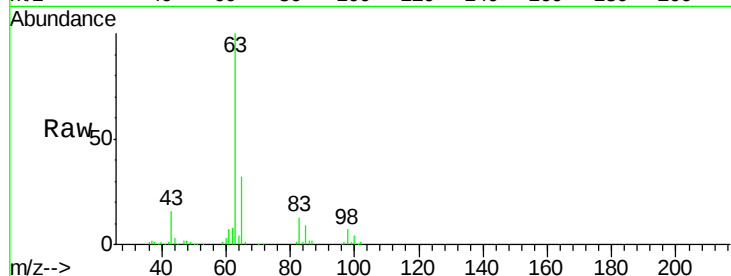
Tgt Ion: 63 Resp: 570183

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.6

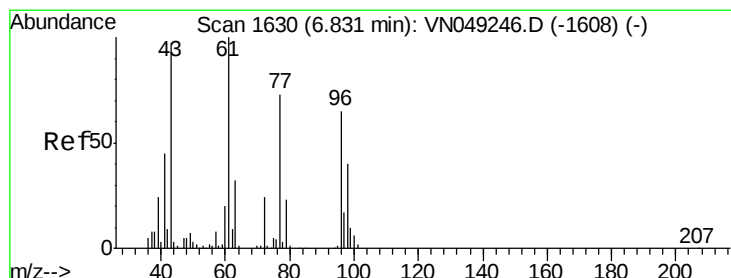
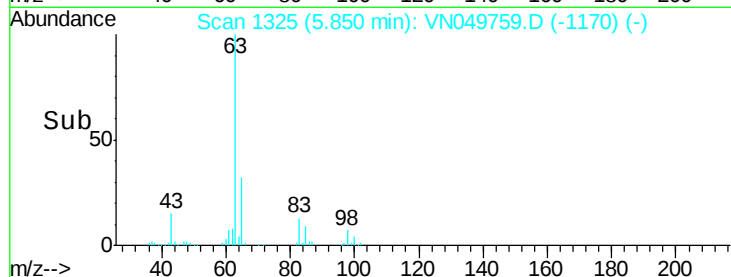
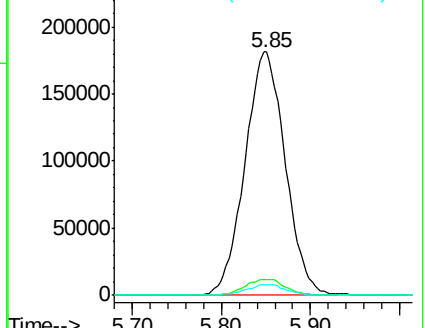
100 4.4 2.3 6.8



Abundance Ion 63.00 (62.70 to 63.70): VN049759.D (-1170) (-)

Ion 98.00 (97.70 to 98.70): VN049759.D (-1170) (-)

Ion 100.00 (99.70 to 100.70): VN049759.D (-1170) (-)



#22

cis-1,2-Dichloroethene

Concen: 19.633 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

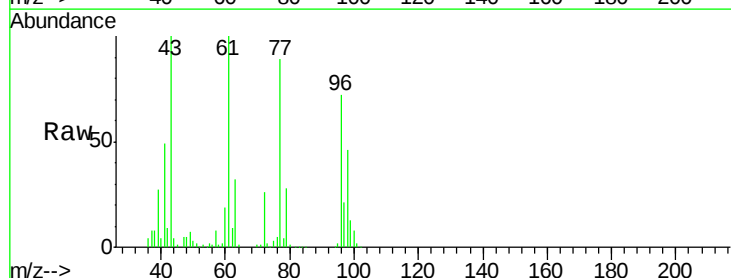
Tgt Ion: 96 Resp: 336760

Ion Ratio Lower Upper

96 100

61 143.8 114.2 171.2

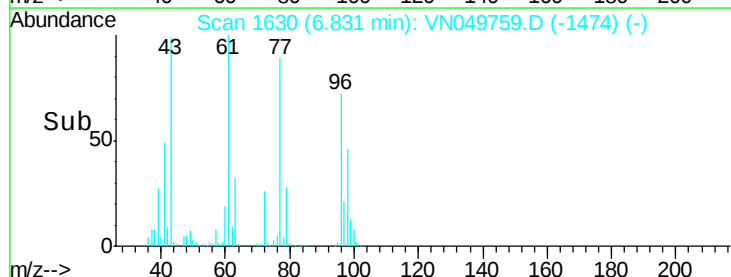
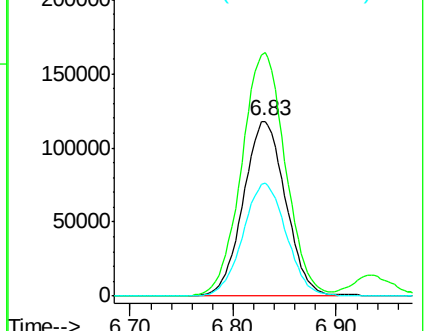
98 66.0 51.7 77.5

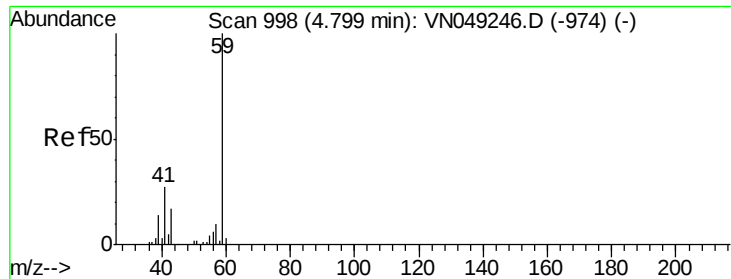


Abundance Ion 96.00 (95.70 to 96.70): VN049759.D (-1474) (-)

Ion 61.00 (60.70 to 61.70): VN049759.D (-1474) (-)

Ion 98.00 (97.70 to 98.70): VN049759.D (-1474) (-)





#23

tert-Butyl Alcohol

Concen: 100.474 ug/l

RT: 4.81 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN049759.D

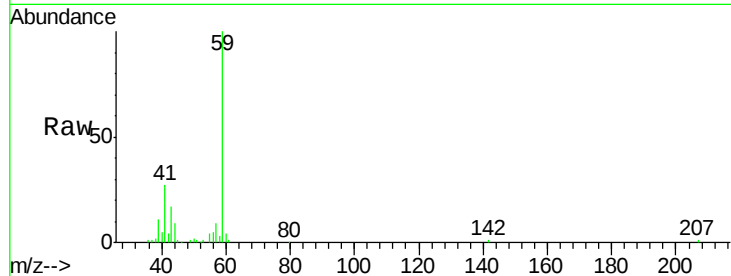
Acq: 11 Jul 2018 15:00

Tgt Ion: 59 Resp: 107605

Ion Ratio Lower Upper

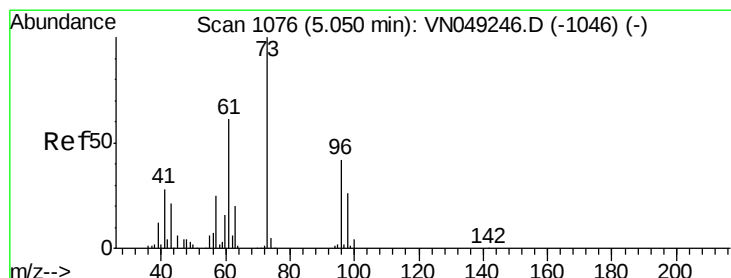
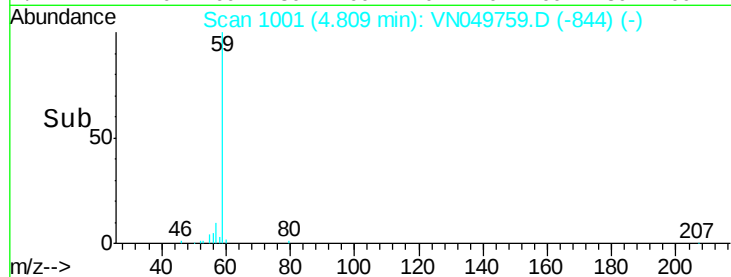
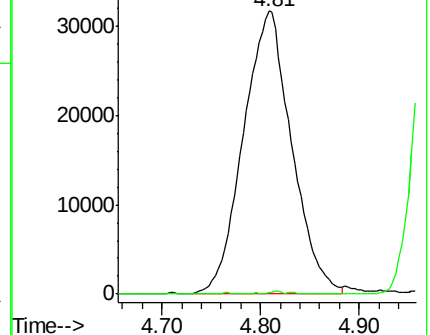
59 100

52 0.2 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VN049759.D (-921) (-)

Ion 52.00 (51.70 to 52.70): VN049759.D (-921) (-)



#24

Methyl tert-Butyl Ether

Concen: 19.908 ug/l

RT: 5.05 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VN049759.D

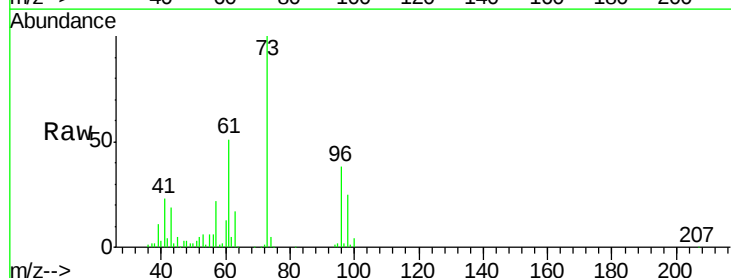
Acq: 11 Jul 2018 15:00

Tgt Ion: 73 Resp: 772375

Ion Ratio Lower Upper

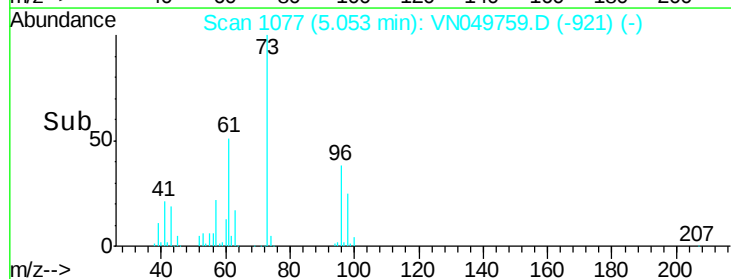
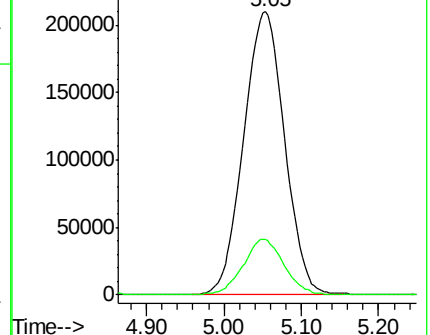
73 100

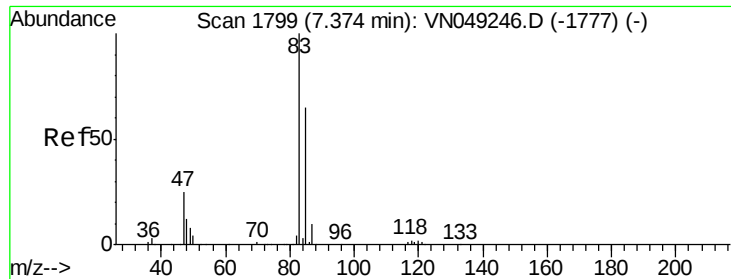
43 19.2 15.5 23.3



Abundance Ion 73.00 (72.70 to 73.70): VN049759.D (-921) (-)

Ion 43.00 (42.70 to 43.70): VN049759.D (-921) (-)





#25

Chloroform

Concen: 19.842 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN049759.D

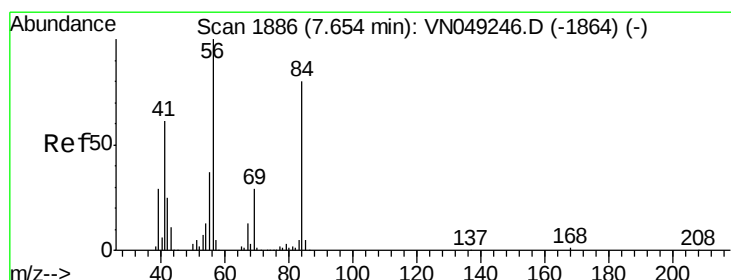
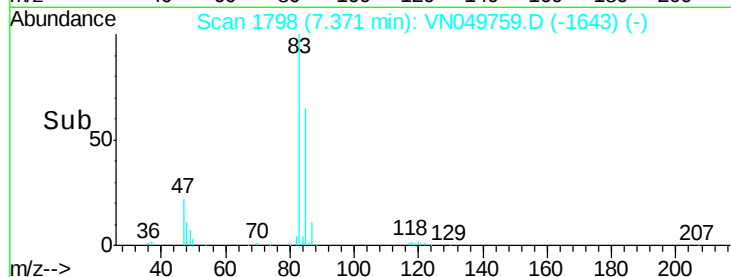
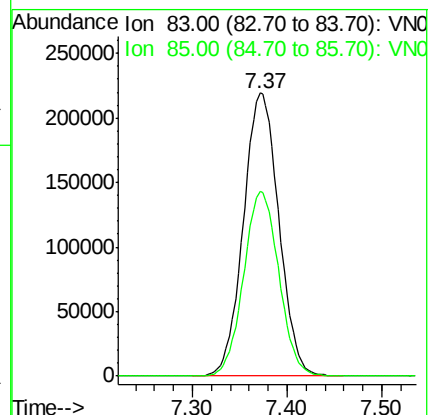
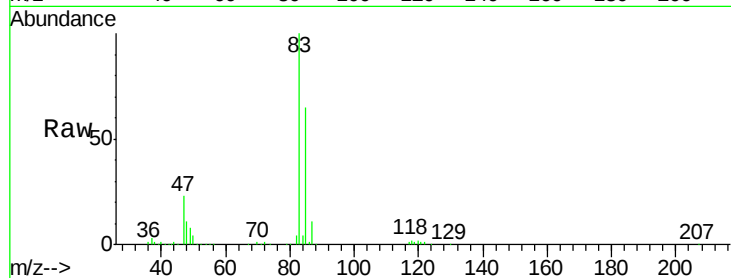
Acq: 11 Jul 2018 15:00

Tgt Ion: 83 Resp: 571731

Ion Ratio Lower Upper

83 100

85 65.2 52.1 78.1



#26

Cyclohexane

Concen: 19.175 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

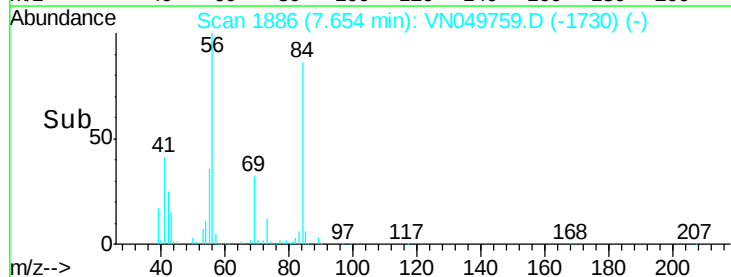
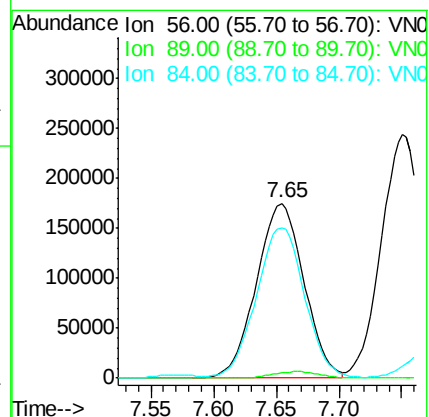
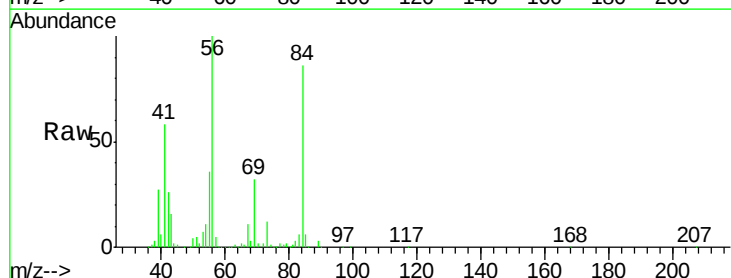
Tgt Ion: 56 Resp: 462035

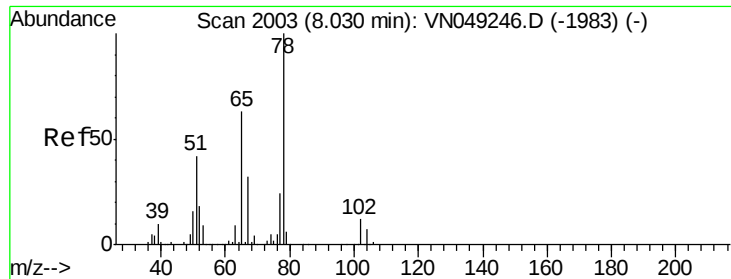
Ion Ratio Lower Upper

56 100

89 3.7 3.0 4.4

84 86.4 69.8 104.8





#27

1,2-Dichloroethane-d4

Concen: 30.763 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. -0.00 min

Lab File: VN049759.D

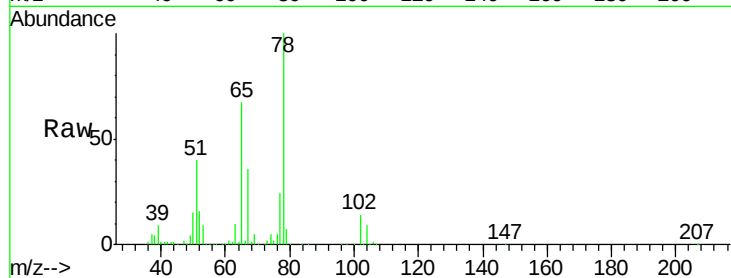
Acq: 11 Jul 2018 15:00

Tgt Ion: 65 Resp: 528350

Ion Ratio Lower Upper

65 100

67 53.3 42.7 64.1



Abundance Ion 65.00 (64.70 to 65.70): VN049246.D (-1983) (-)

Ion 67.00 (66.70 to 67.70): VN049246.D (-1983) (-)

8.03

250000

200000

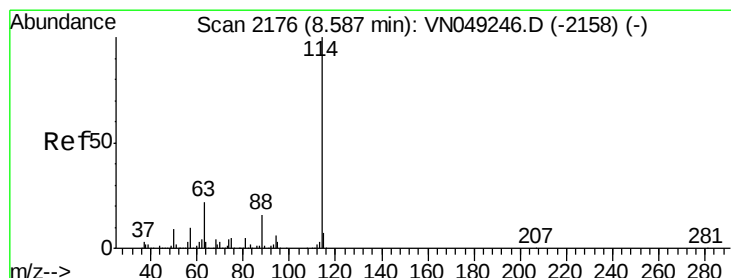
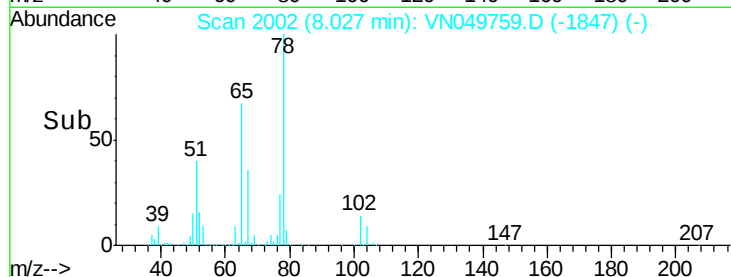
150000

100000

50000

0

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

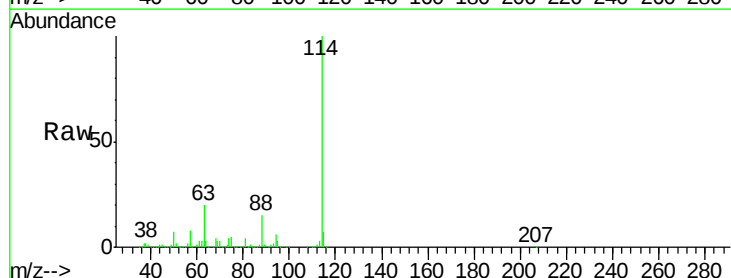
Tgt Ion: 114 Resp: 1394551

Ion Ratio Lower Upper

114 100

63 19.8 16.2 24.2

88 15.2 12.3 18.5



Abundance Ion 114.00 (113.70 to 114.70): VN049246.D (-2158) (-)

Ion 63.00 (62.70 to 63.70): VN049246.D (-2158) (-)

Ion 88.00 (87.70 to 88.70): VN049246.D (-2158) (-)

8.59

800000

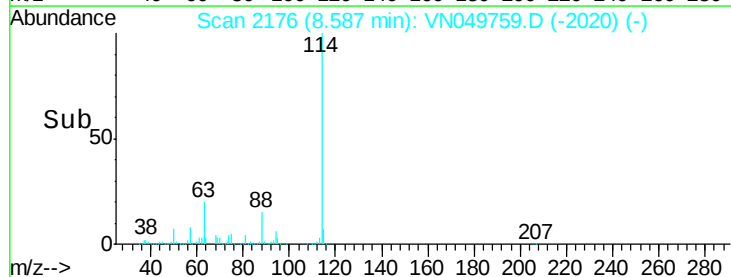
600000

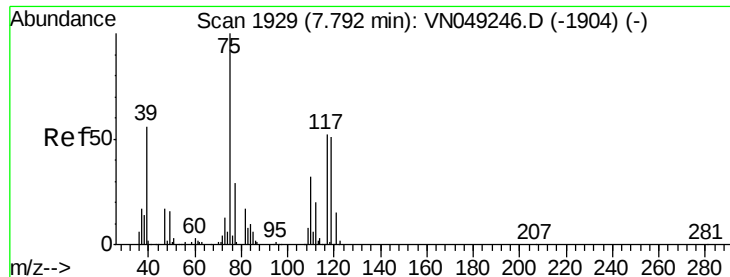
400000

200000

0

Time-->





#29

1,1-Dichloropropene

Concen: 19.496 ug/l

RT: 7.79 min Scan# 1929

Delta R.T. 0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

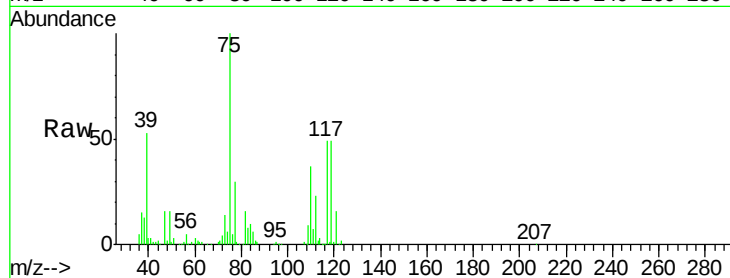
Tgt Ion: 75 Resp: 432706

Ion Ratio Lower Upper

75 100

110 36.7 0.0 73.2

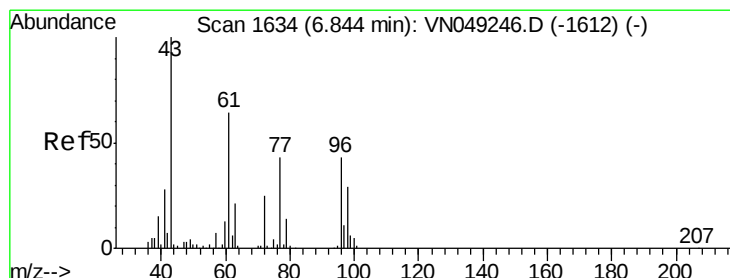
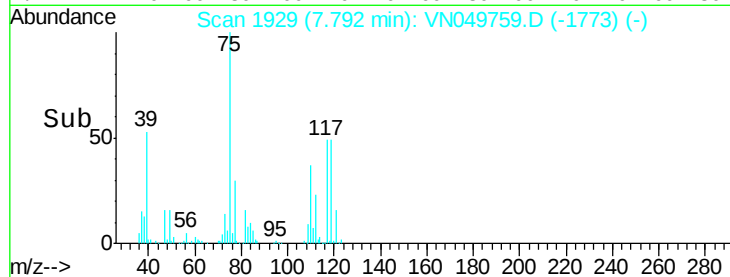
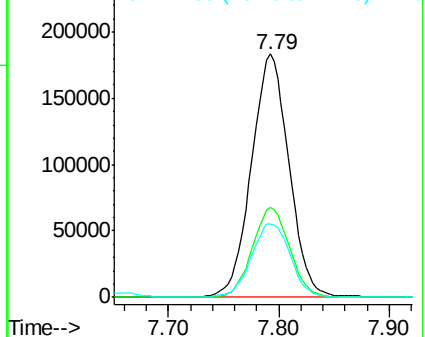
77 31.3 0.0 62.0



Abundance Ion 75.00 (74.70 to 75.70): VN049759.D (-1773) (-)

Ion 110.00 (109.70 to 110.70): VN049759.D (-1773) (-)

Ion 77.00 (76.70 to 77.70): VN049759.D (-1773) (-)



#30

2-Butanone

Concen: 96.520 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

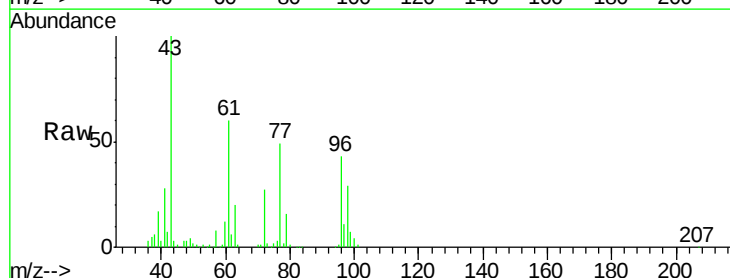
Tgt Ion: 43 Resp: 596725

Ion Ratio Lower Upper

43 100

57 8.4 6.8 10.2

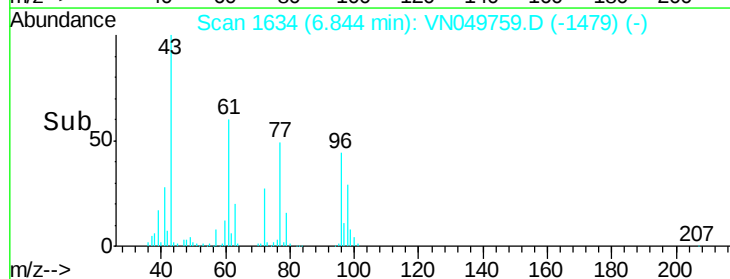
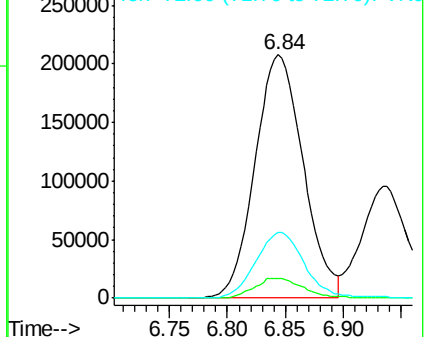
72 27.4 21.4 32.0

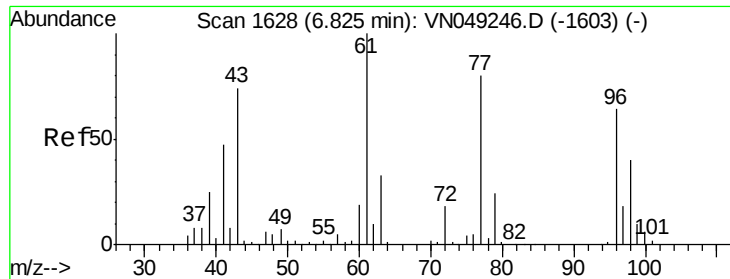


Abundance Ion 43.00 (42.70 to 43.70): VN049759.D (-1479) (-)

Ion 57.00 (56.70 to 57.70): VN049759.D (-1479) (-)

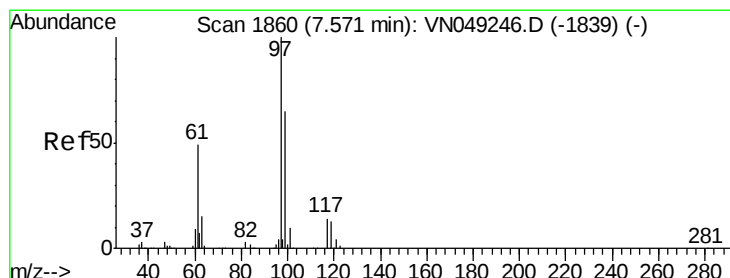
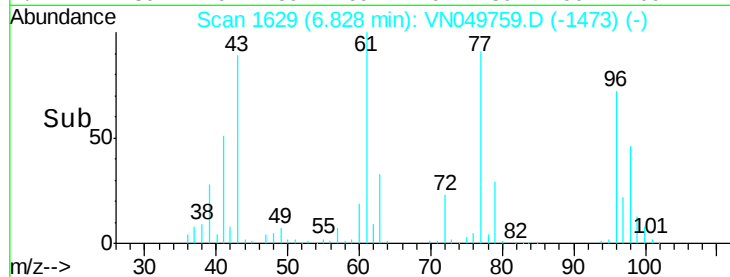
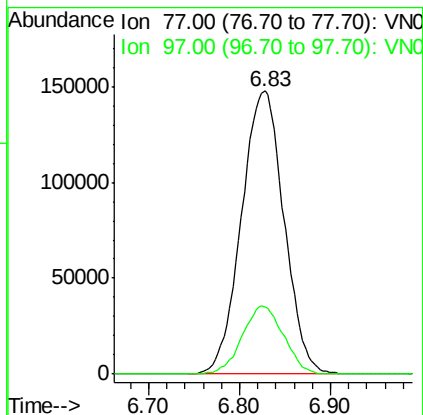
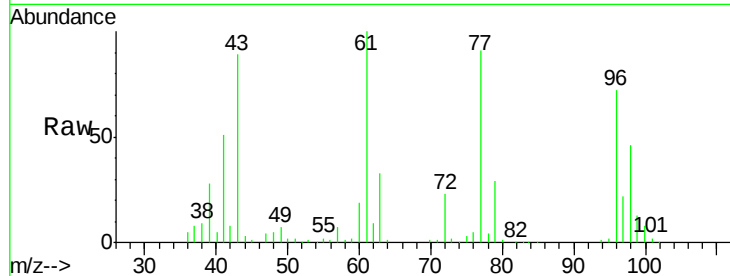
Ion 72.00 (71.70 to 72.70): VN049759.D (-1479) (-)





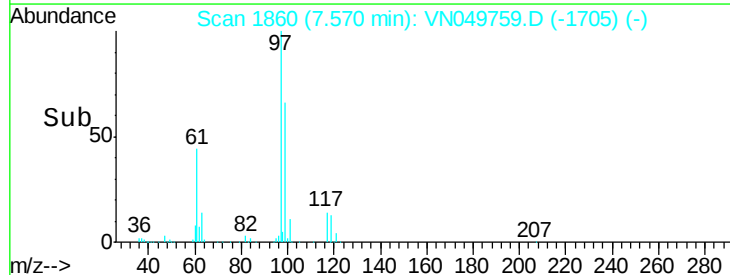
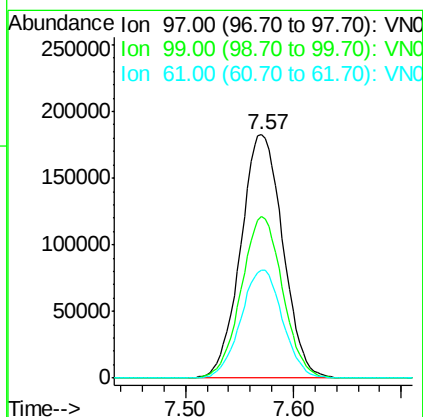
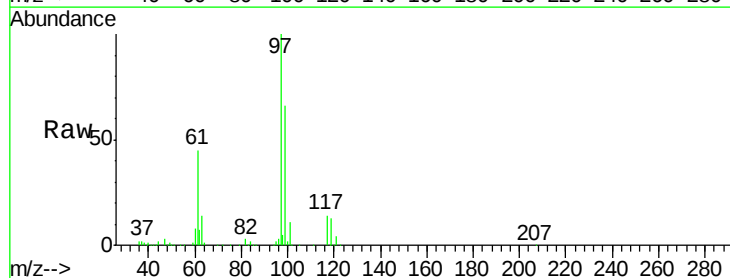
#31
 2,2-Dichloropropane
 Concen: 20.150 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: VN049759.D
 Acq: 11 Jul 2018 15:00

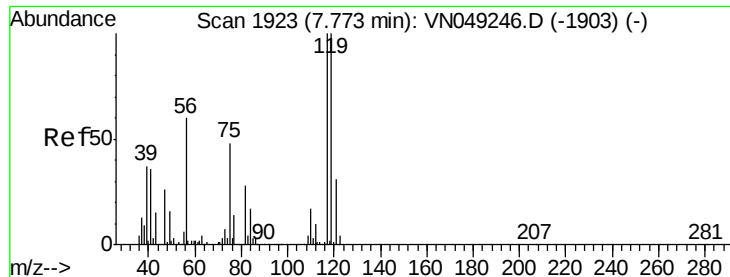
Tgt Ion: 77 Resp: 479474
 Ion Ratio Lower Upper
 77 100
 97 23.4 18.9 28.3



#32
 1,1,1-Trichloroethane
 Concen: 19.418 ug/l
 RT: 7.57 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VN049759.D
 Acq: 11 Jul 2018 15:00

Tgt Ion: 97 Resp: 495349
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.2 76.8
 61 43.9 35.3 52.9





#33

Carbon Tetrachloride

Concen: 19.468 ug/l

RT: 7.77 min Scan# 1923

Delta R.T. -0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

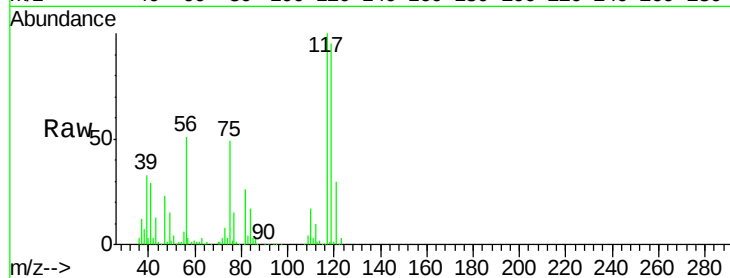
Tgt Ion: 117 Resp: 440251

Ion Ratio Lower Upper

117 100

119 94.9 76.9 115.3

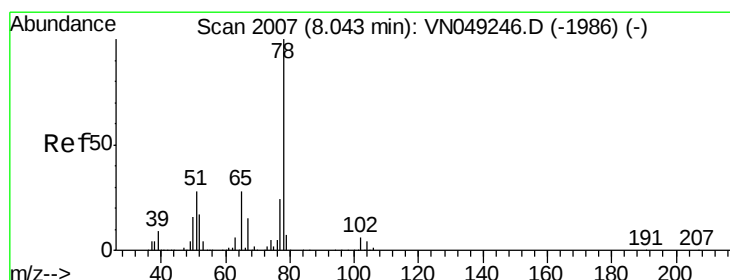
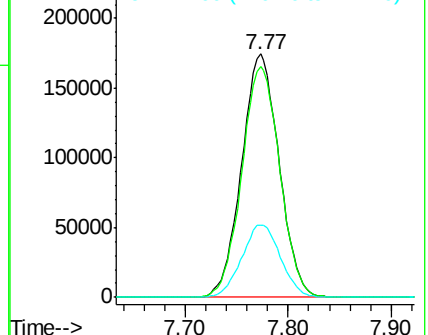
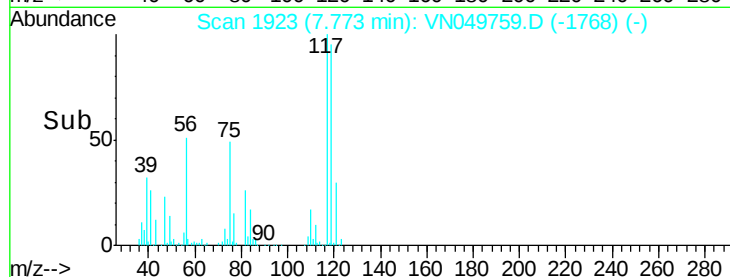
121 29.8 24.4 36.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.356 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

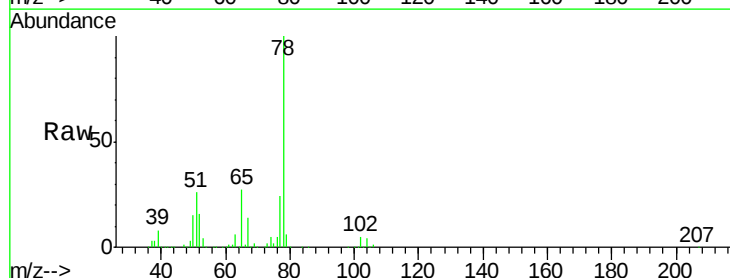
Tgt Ion: 78 Resp: 1288135

Ion Ratio Lower Upper

78 100

77 23.8 19.1 28.7

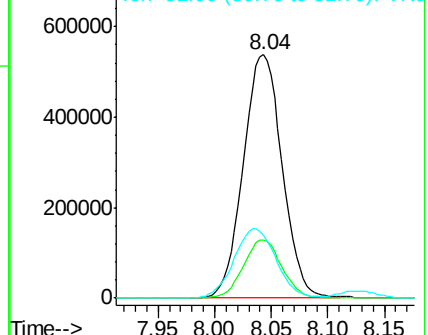
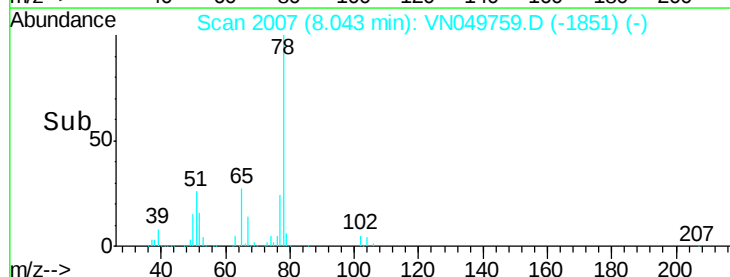
51 25.8 21.0 31.4

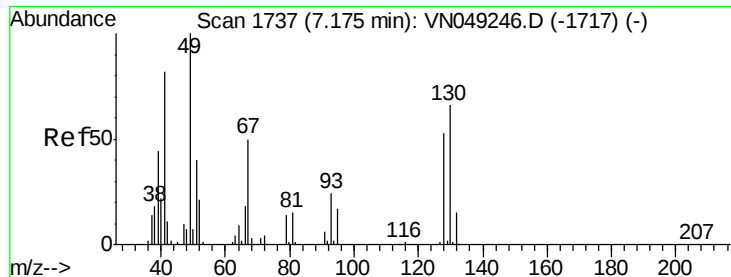


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

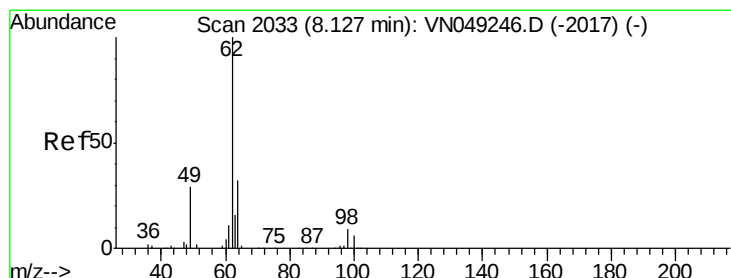
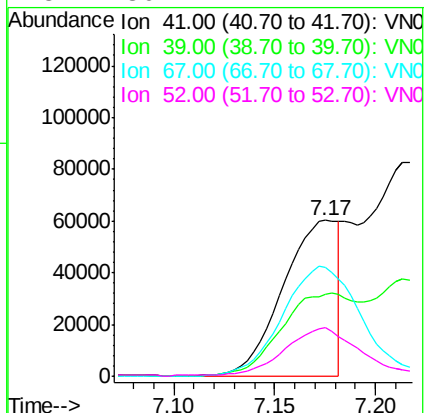
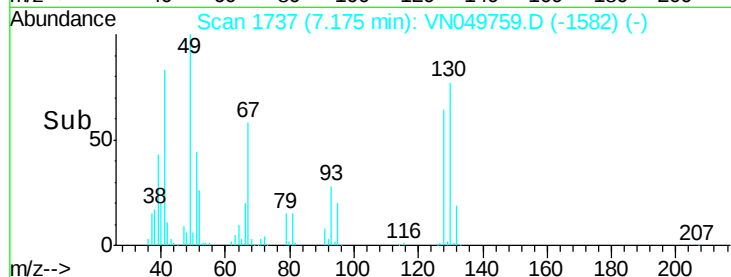
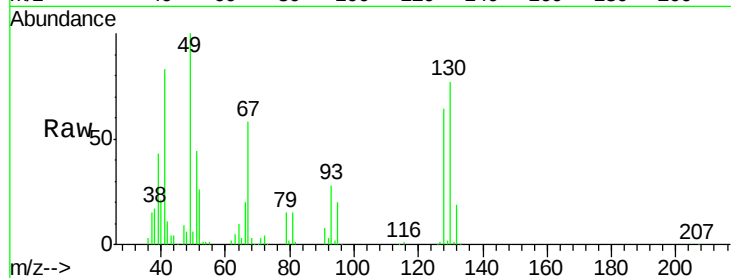
Ion 51.00 (50.70 to 51.70): V





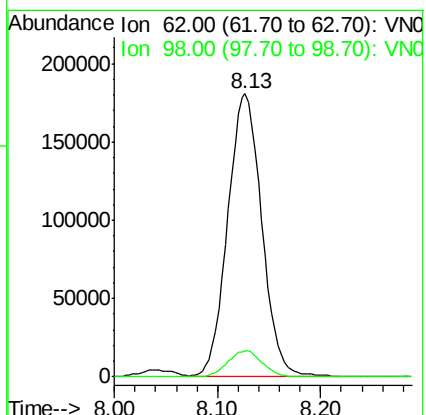
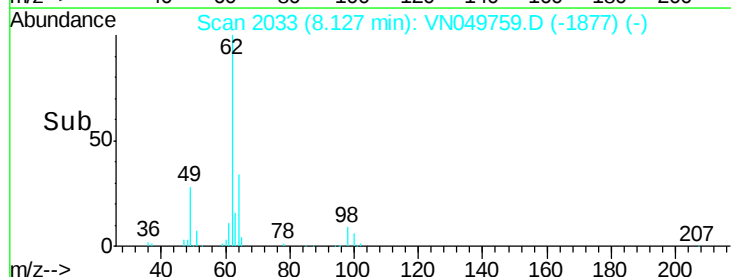
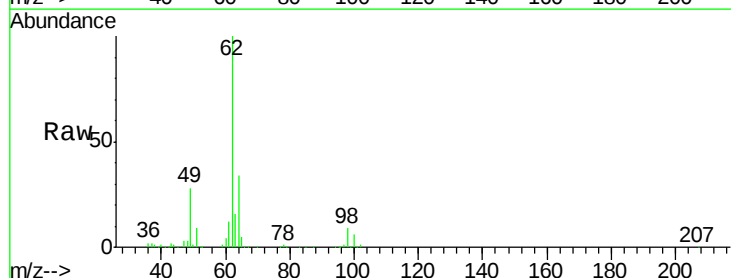
#35
Methacrylonitrile
Concen: 16.056 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

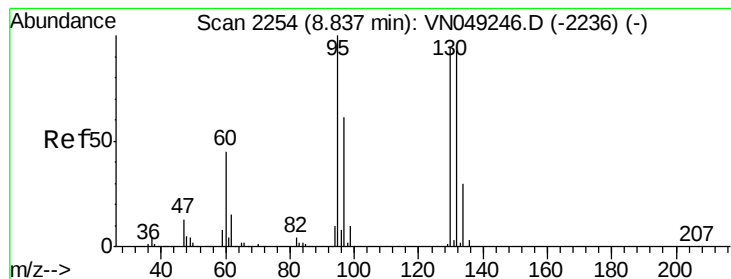
Tgt Ion: 41 Resp: 113384
Ion Ratio Lower Upper
41 100
39 52.3 27.6 82.7
67 70.1 35.1 105.5
52 30.1 14.1 42.4



#36
1,2-Dichloroethane
Concen: 19.630 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion: 62 Resp: 417023
Ion Ratio Lower Upper
62 100
98 9.4 7.8 11.6





#37

Trichloroethene

Concen: 19.370 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049759.D

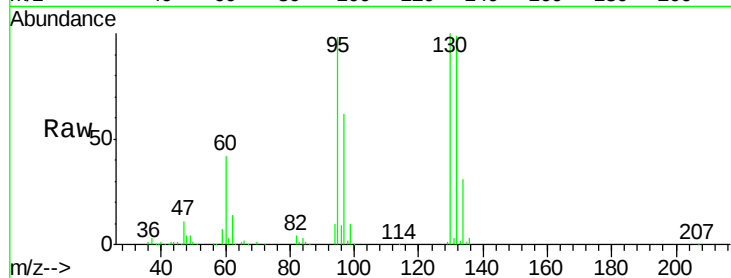
Acq: 11 Jul 2018 15:00

Tgt Ion: 130 Resp: 335890

Ion Ratio Lower Upper

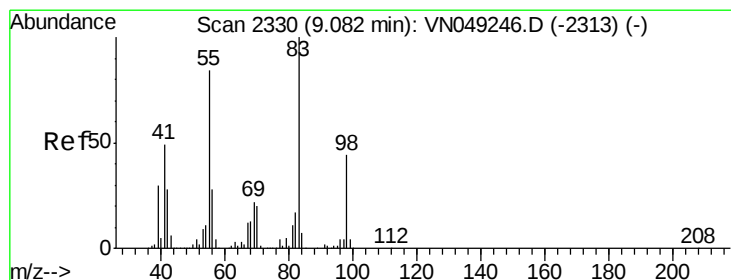
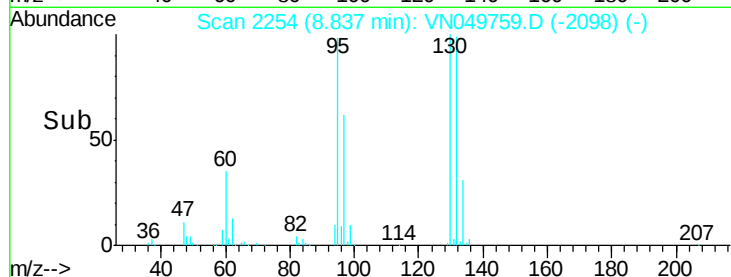
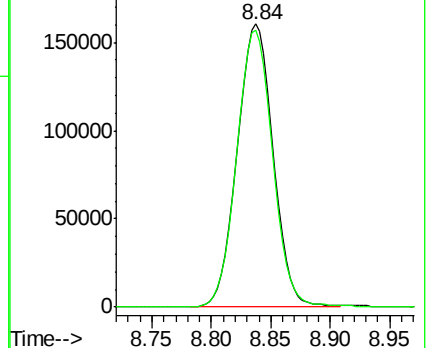
130 100

95 97.9 79.7 119.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN0



#38

Methylcyclohexane

Concen: 18.926 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

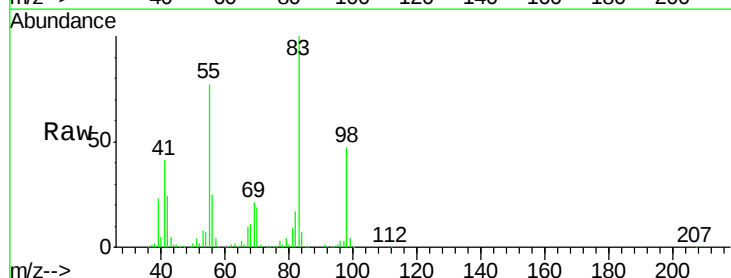
Tgt Ion: 83 Resp: 452565

Ion Ratio Lower Upper

83 100

55 77.2 39.3 117.8

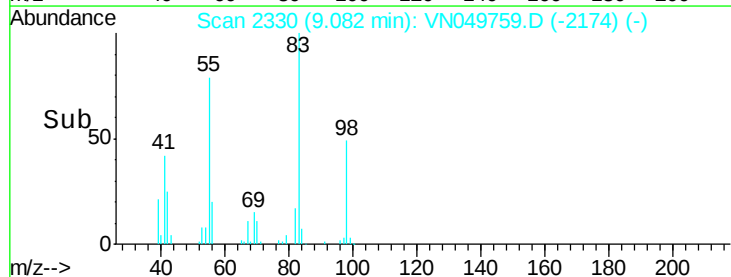
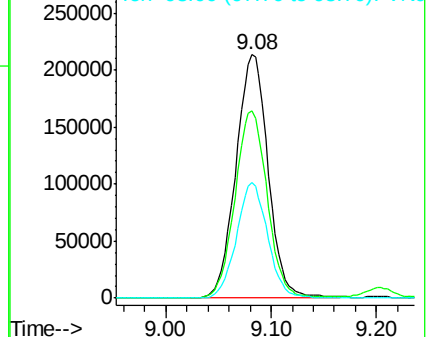
98 45.9 23.0 69.0

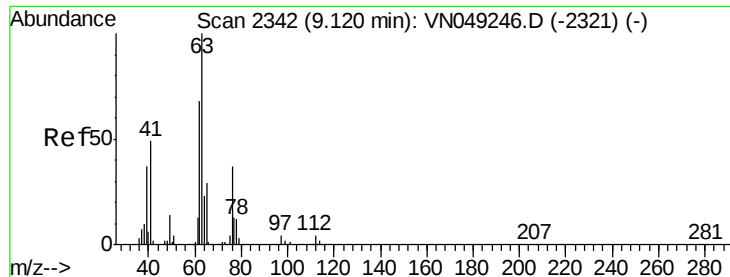


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#39

1,2-Dichloropropane

Concen: 19.400 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. -0.00 min

Lab File: VN049759.D

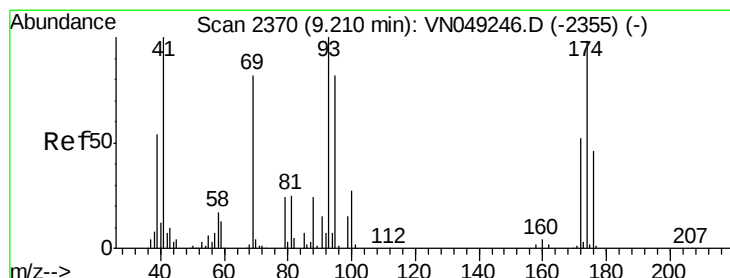
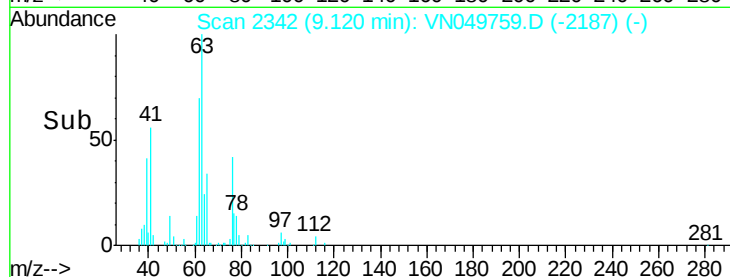
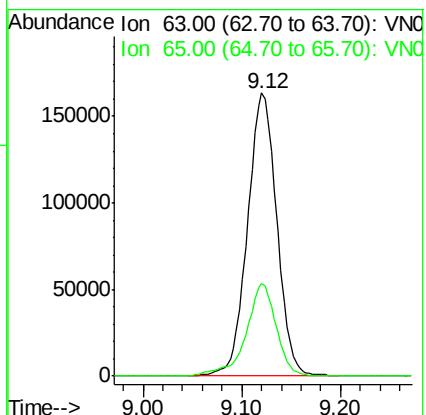
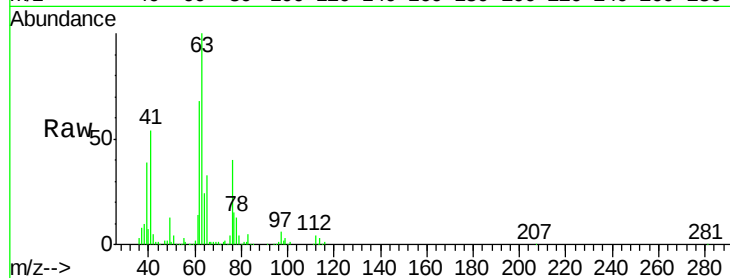
Acq: 11 Jul 2018 15:00

Tgt Ion: 63 Resp: 335209

Ion Ratio Lower Upper

63 100

65 32.7 24.2 36.2



#40

Dibromomethane

Concen: 19.813 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

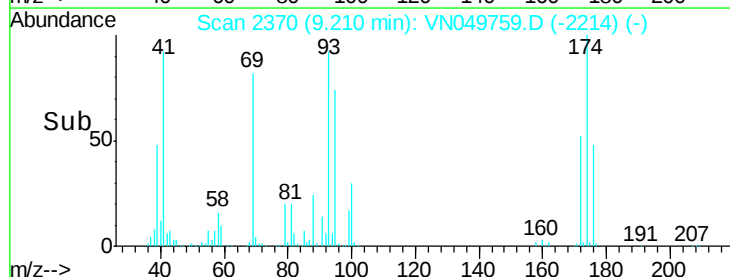
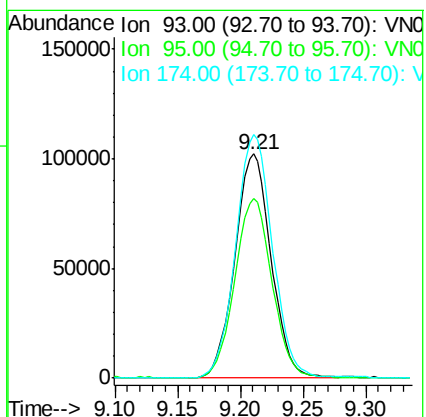
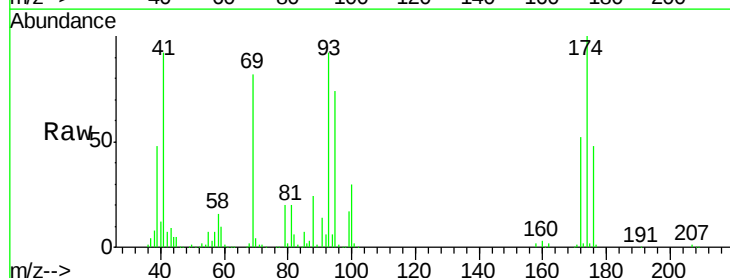
Tgt Ion: 93 Resp: 205854

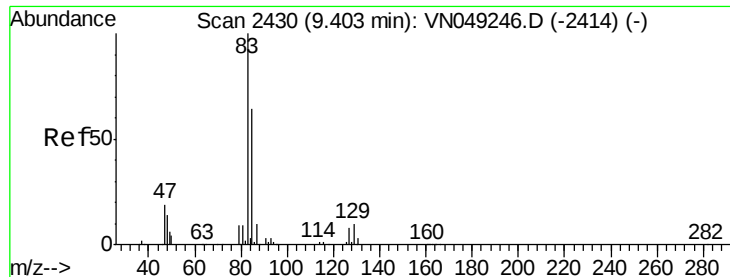
Ion Ratio Lower Upper

93 100

95 82.6 0.0 165.6

174 110.3 0.0 223.2





#41

Bromodichloromethane

Concen: 19.377 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

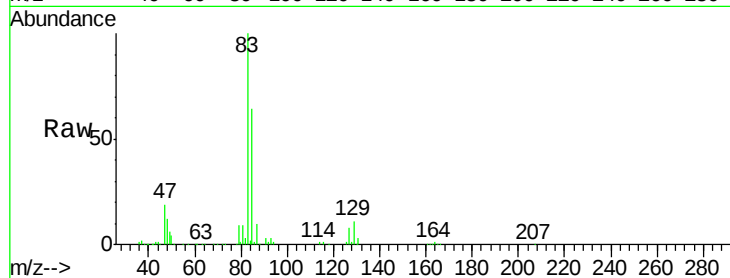
Tgt Ion: 83 Resp: 432993

Ion Ratio Lower Upper

83 100

85 64.2 52.6 78.8

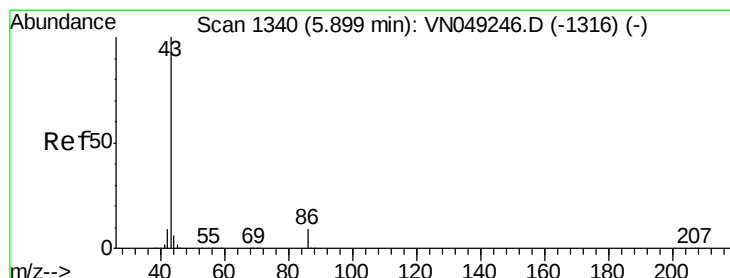
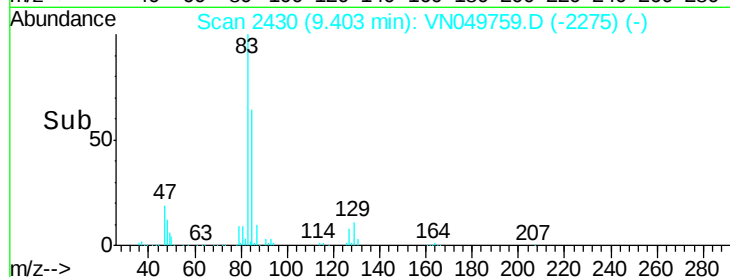
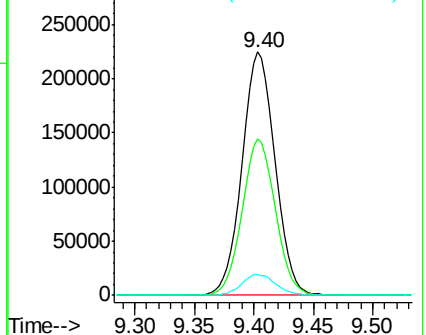
127 8.4 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VN049246.D (-2414) (-)

Ion 85.00 (84.70 to 85.70): VN049246.D (-2414) (-)

Ion 127.00 (126.70 to 127.70): VN049246.D (-2414) (-)



#42

Vinyl Acetate

Concen: 95.069 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VN049759.D

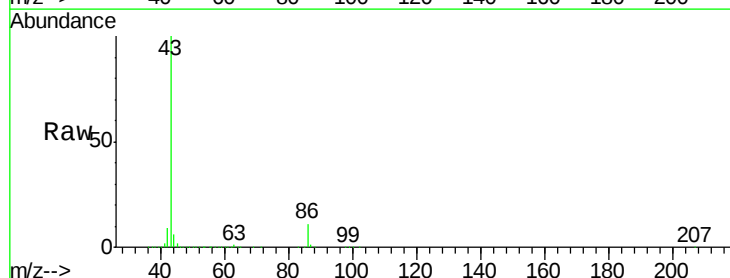
Acq: 11 Jul 2018 15:00

Tgt Ion: 43 Resp: 3119072

Ion Ratio Lower Upper

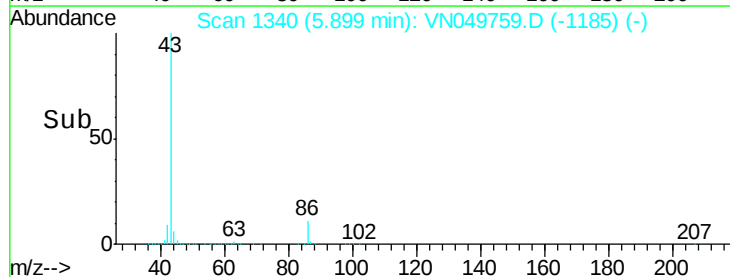
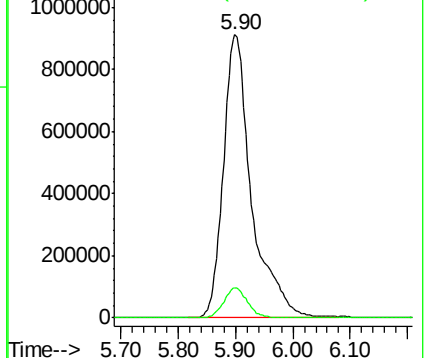
43 100

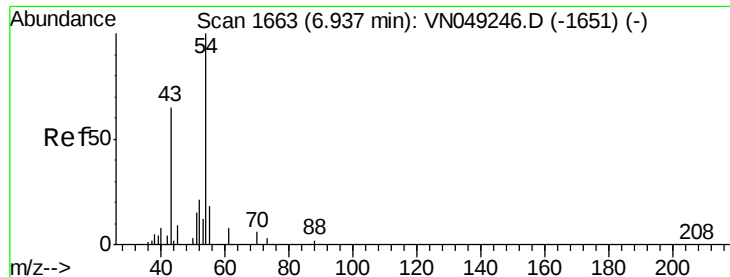
86 9.0 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN049246.D (-1316) (-)

Ion 86.00 (85.70 to 86.70): VN049246.D (-1316) (-)





#43

Ethyl Acetate

Concen: 20.521 ug/l

RT: 6.93 min Scan# 1662

Delta R.T. -0.00 min

Lab File: VN049759.D

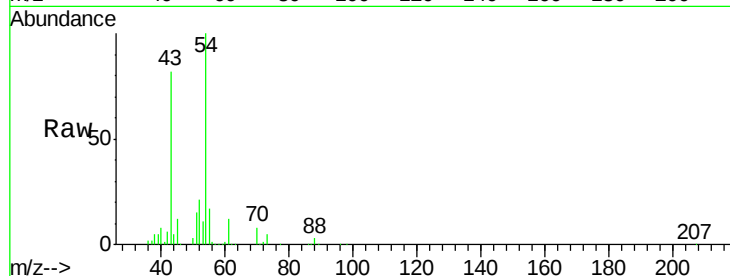
Acq: 11 Jul 2018 15:00

Tgt Ion: 43 Resp: 267883

Ion Ratio Lower Upper

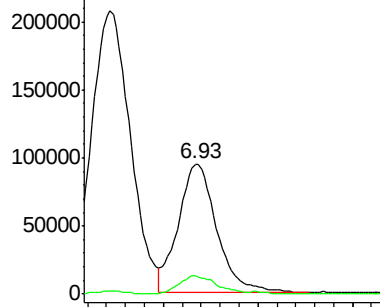
43 100

45 13.2 13.0 19.6

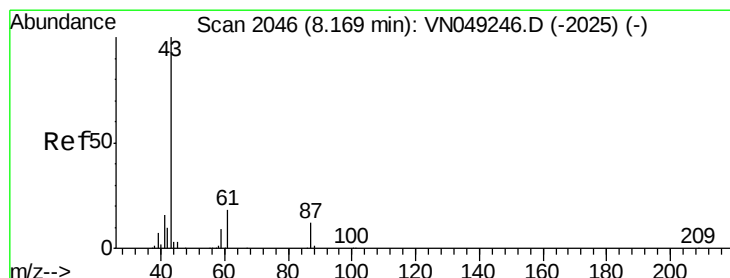
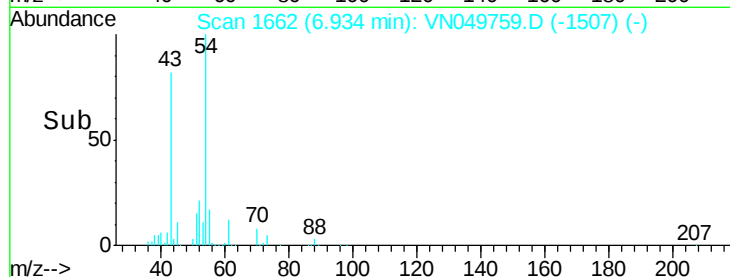


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



Time-->



#44

Isopropyl Acetate

Concen: 18.862 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049759.D

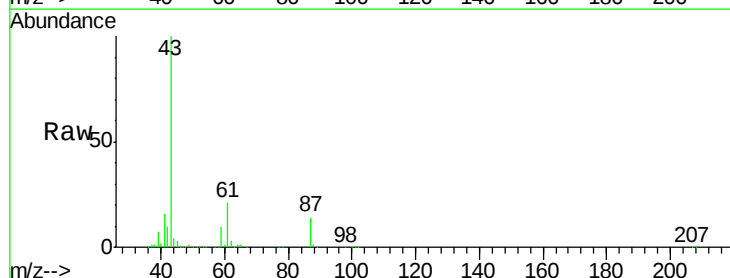
Acq: 11 Jul 2018 15:00

Tgt Ion: 43 Resp: 460415

Ion Ratio Lower Upper

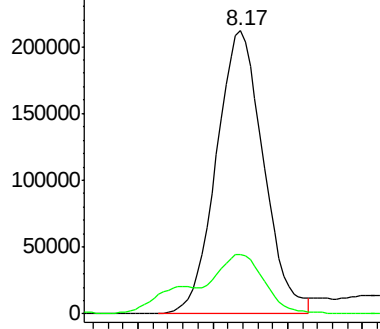
43 100

61 21.1 16.4 24.6

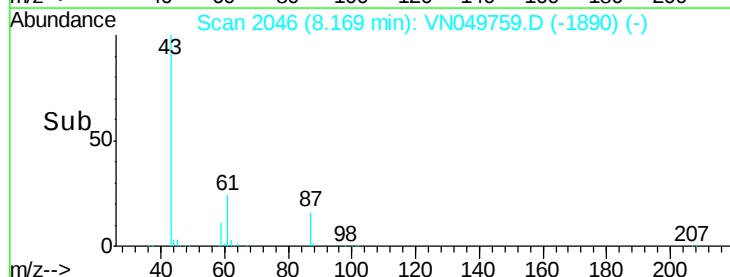


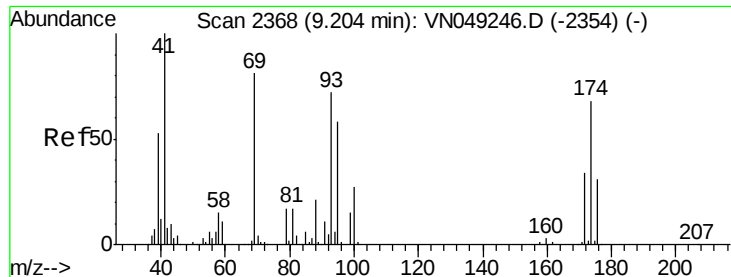
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



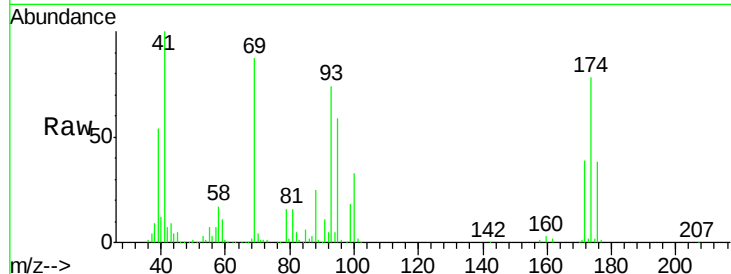
Time-->



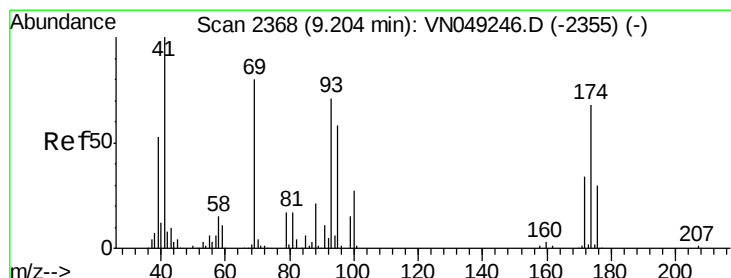
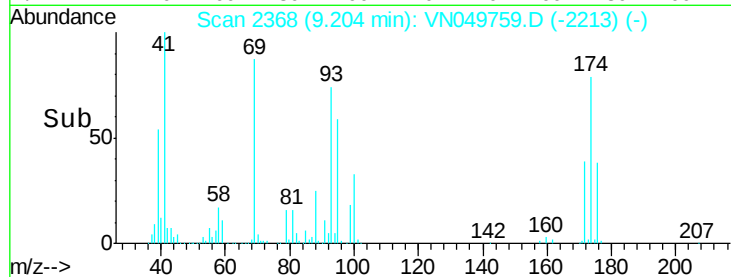
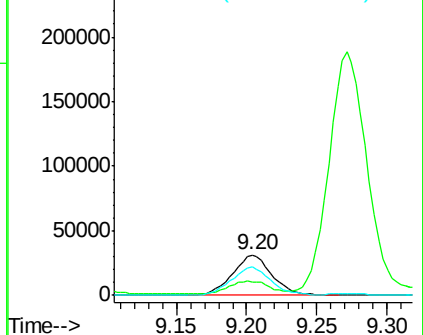


#45
1,4-Dioxane
Concen: 383.864 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion: 88 Resp: 61689
Ion Ratio Lower Upper
88 100
43 30.9 26.9 40.3
58 69.9 53.6 80.4

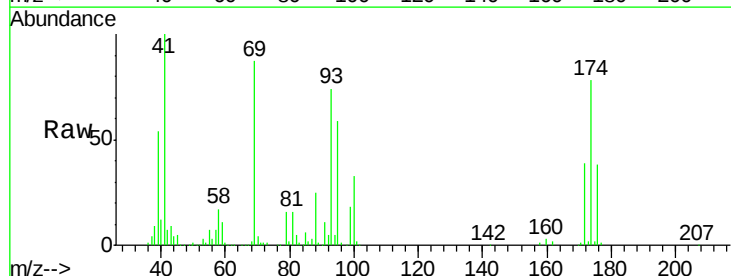


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

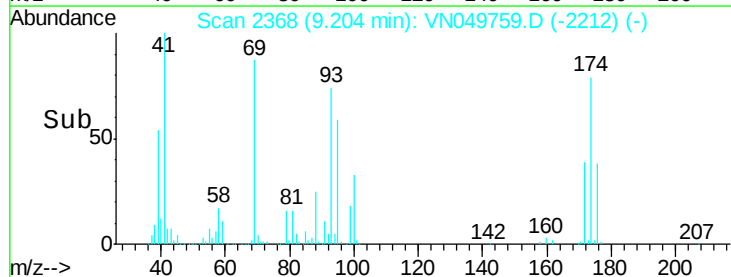
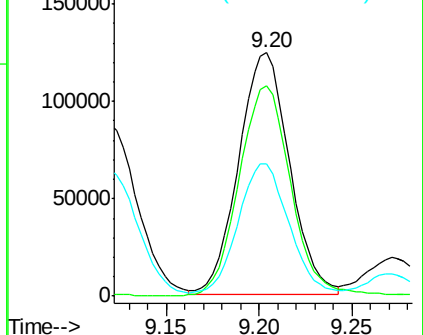


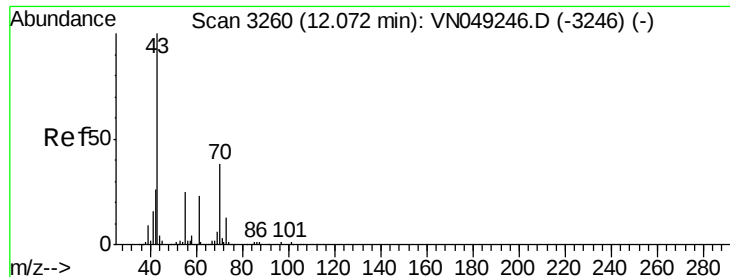
#46
Methyl methacrylate
Concen: 19.343 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion: 41 Resp: 236738
Ion Ratio Lower Upper
41 100
69 88.1 44.0 132.1
39 54.0 27.0 80.8



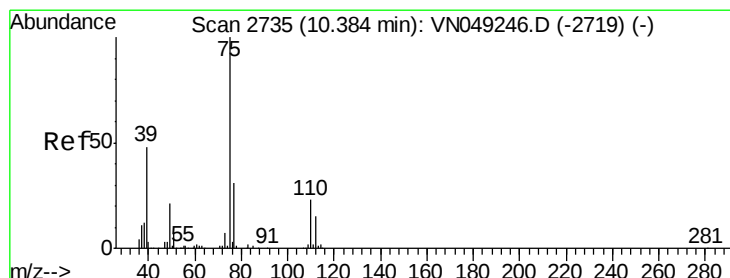
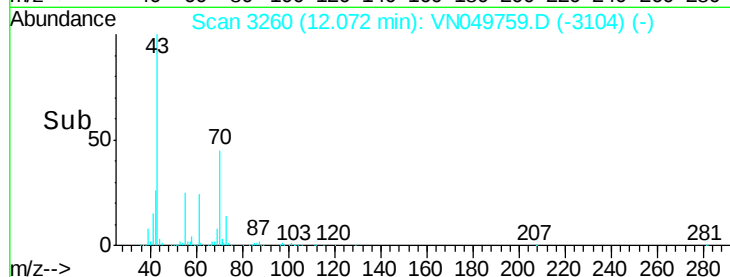
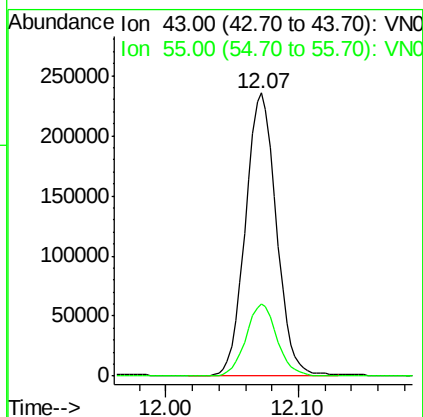
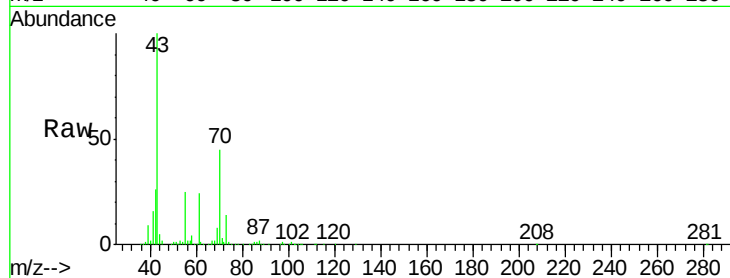
Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





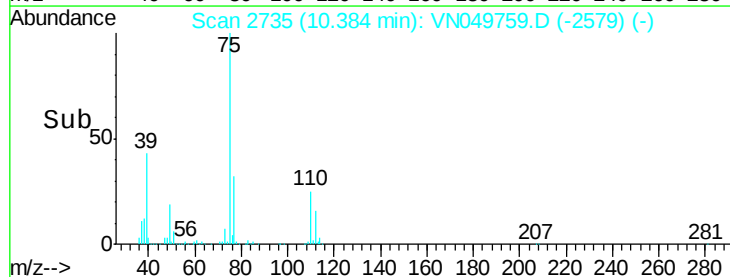
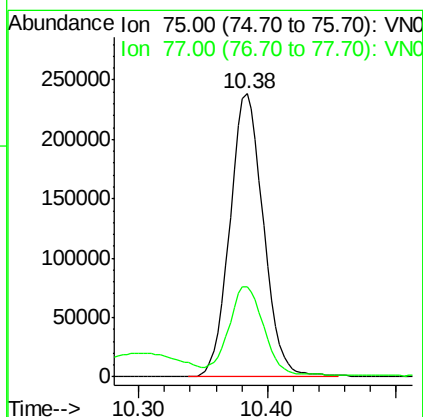
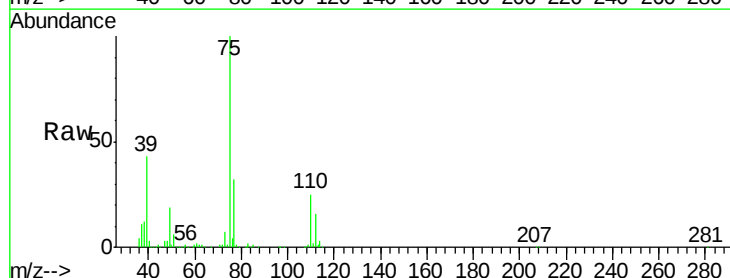
#47
n-amyl Acetate
Concen: 18.493 ug/l
RT: 12.07 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

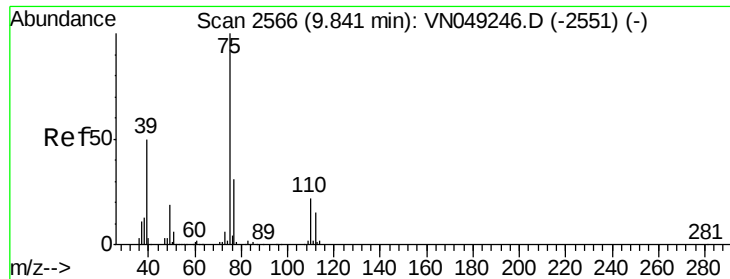
Tgt Ion: 43 Resp: 380242
Ion Ratio Lower Upper
43 100
55 25.7 21.0 31.4



#48
t-1,3-Dichloropropene
Concen: 19.072 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion: 75 Resp: 429437
Ion Ratio Lower Upper
75 100
77 31.3 24.6 37.0

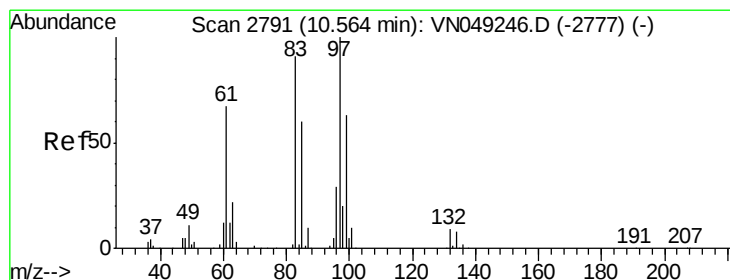
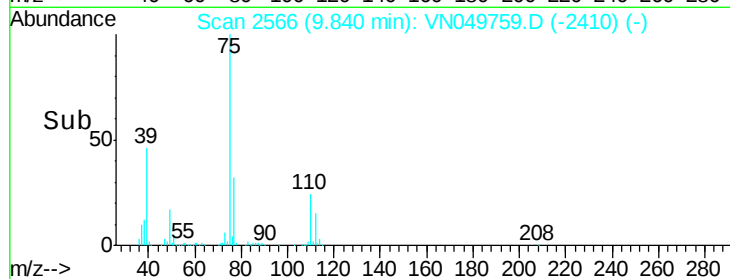
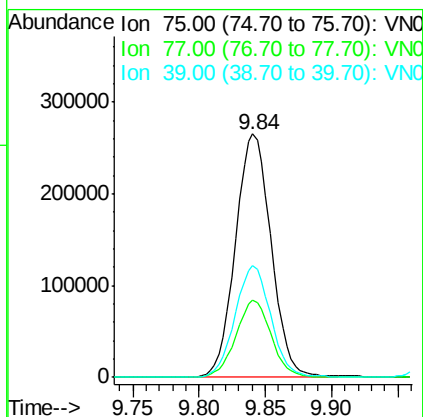
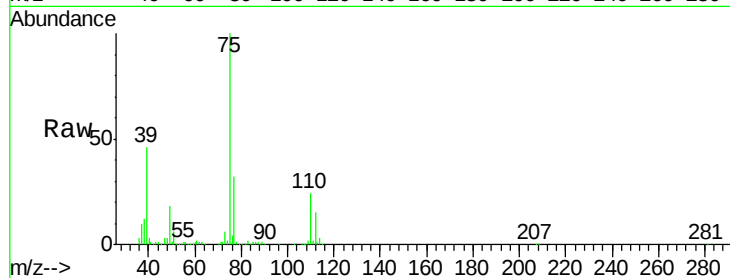




#49

cis-1,3-Dichloropropene
Concen: 19.170 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

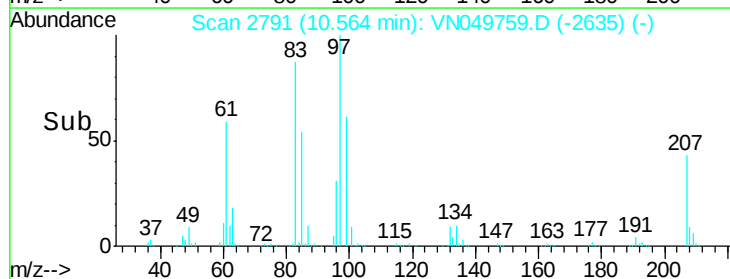
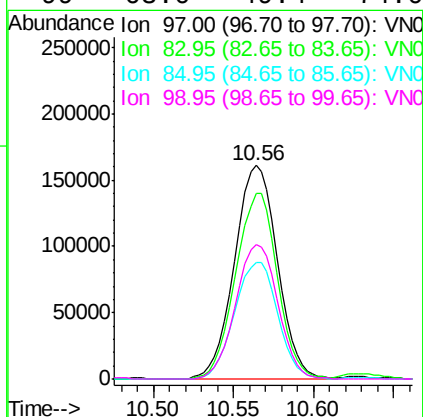
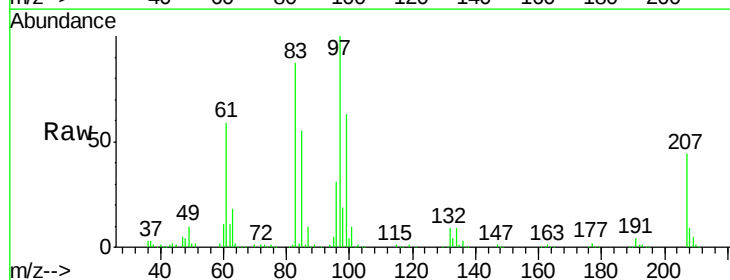
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.7	38.5
39	45.7	36.3	54.5

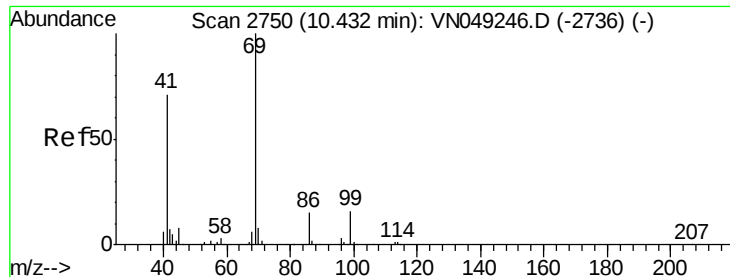


#50

1,1,2-Trichloroethane
Concen: 19.572 ug/l
RT: 10.56 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.4	68.1	102.1
85	54.4	45.4	68.2
99	63.0	49.4	74.0





#51

Ethyl methacrylate

Concen: 18.750 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

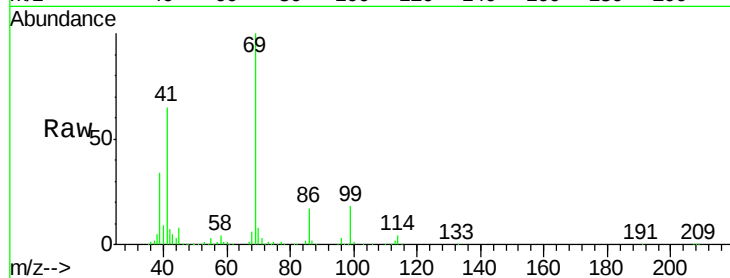
Tgt Ion: 69 Resp: 345605

Ion Ratio Lower Upper

69 100

41 64.3 31.9 95.9

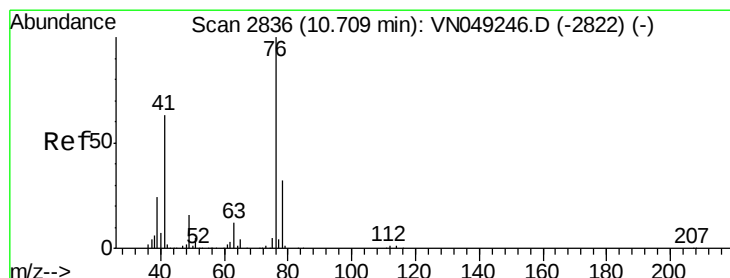
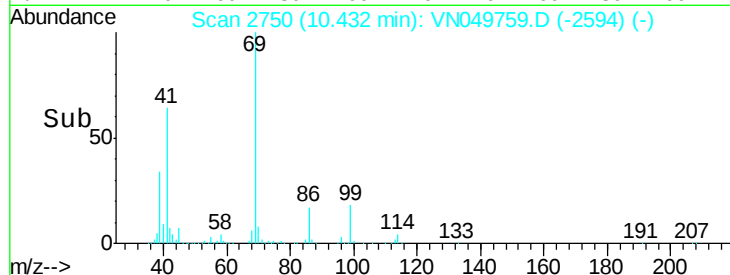
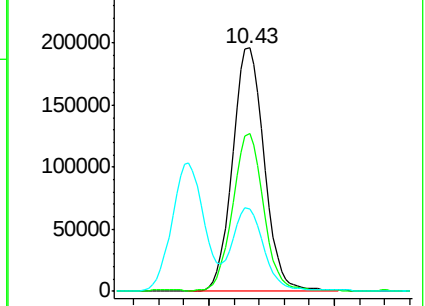
39 33.5 16.7 50.1



Abundance Ion 69.00 (68.70 to 69.70): VN049759.D (-2594) (-)

Ion 41.00 (40.70 to 41.70): VN049759.D (-2594) (-)

Ion 39.00 (38.70 to 39.70): VN049759.D (-2594) (-)



#52

1,3-Dichloropropane

Concen: 19.430 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049759.D

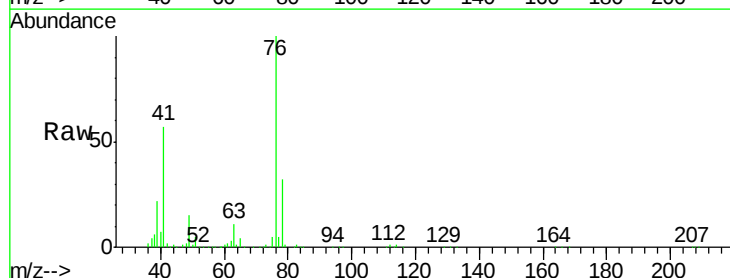
Acq: 11 Jul 2018 15:00

Tgt Ion: 76 Resp: 482134

Ion Ratio Lower Upper

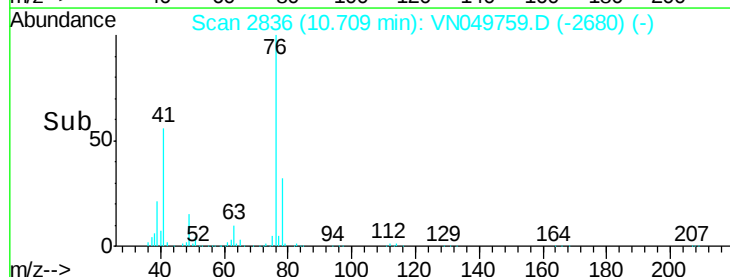
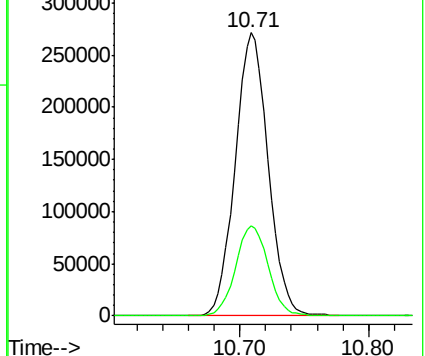
76 100

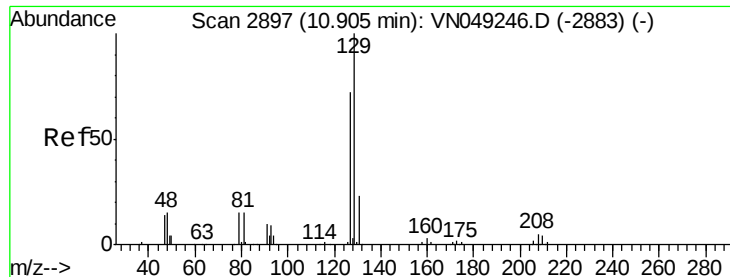
78 31.7 0.0 65.6



Abundance Ion 76.00 (75.70 to 76.70): VN049759.D (-2680) (-)

Ion 78.00 (77.70 to 78.70): VN049759.D (-2680) (-)





#53

Dibromochloromethane

Concen: 18.944 ug/l

RT: 10.90 min Scan# 2896

Delta R.T. -0.00 min

Lab File: VN049759.D

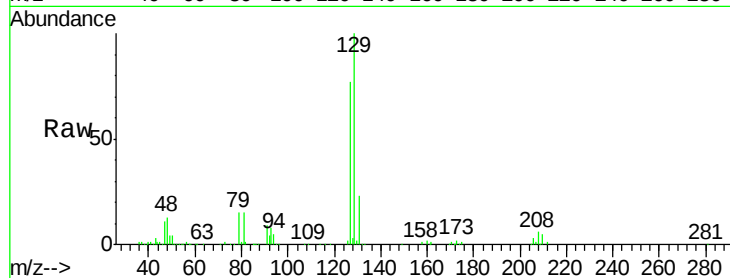
Acq: 11 Jul 2018 15:00

Tgt Ion:129 Resp: 323617

Ion Ratio Lower Upper

129 100

127 77.3 38.1 114.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.90

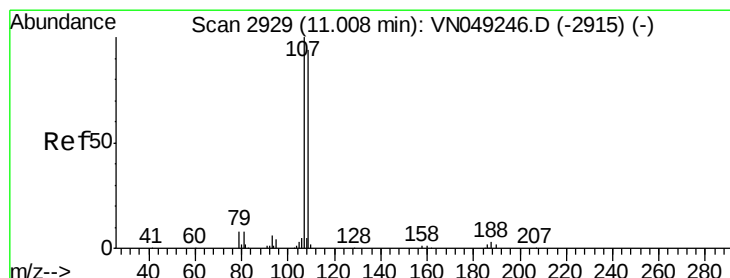
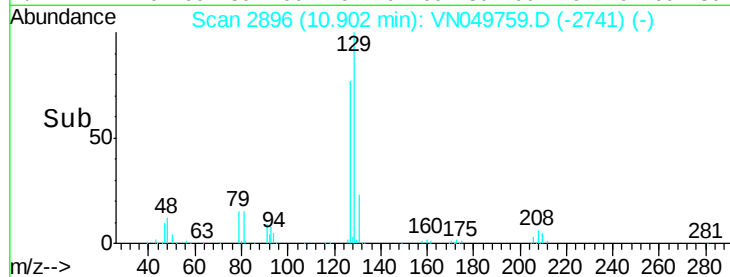
150000

100000

50000

0

Time-->



#54

1,2-Dibromoethane

Concen: 19.179 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049759.D

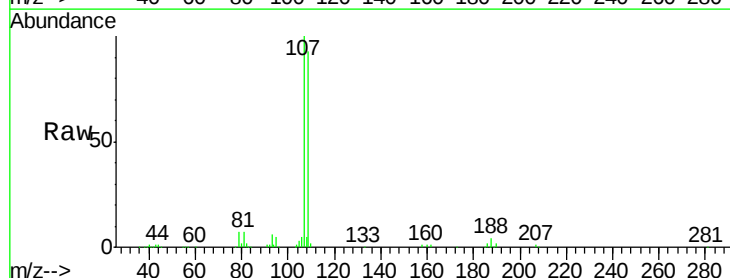
Acq: 11 Jul 2018 15:00

Tgt Ion:107 Resp: 281664

Ion Ratio Lower Upper

107 100

109 94.6 76.2 114.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

11.01

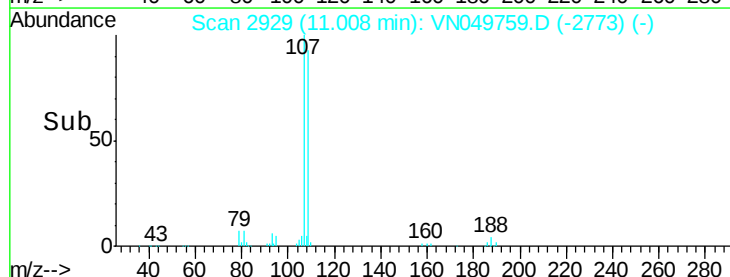
150000

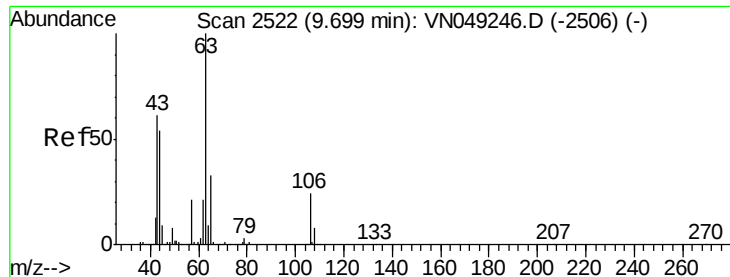
100000

50000

0

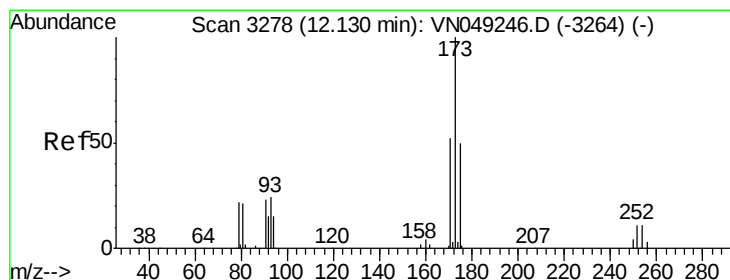
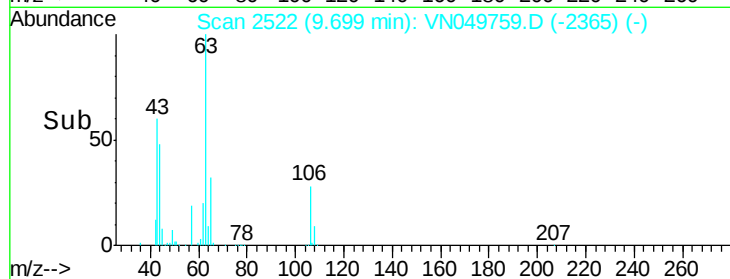
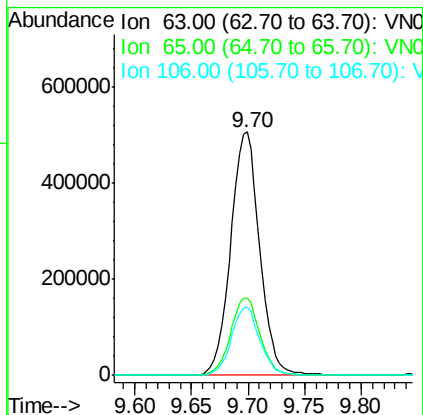
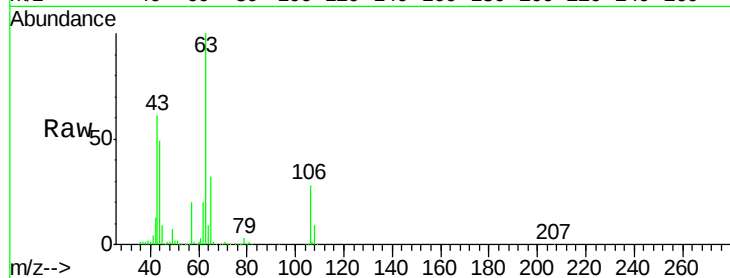
Time-->





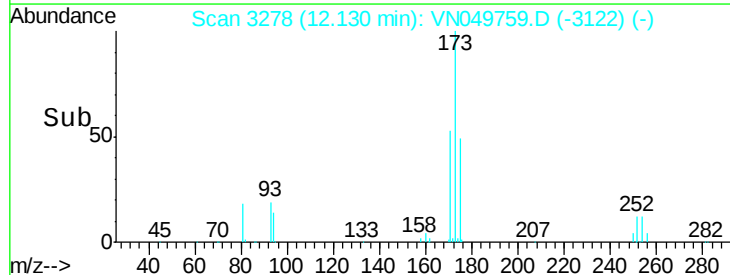
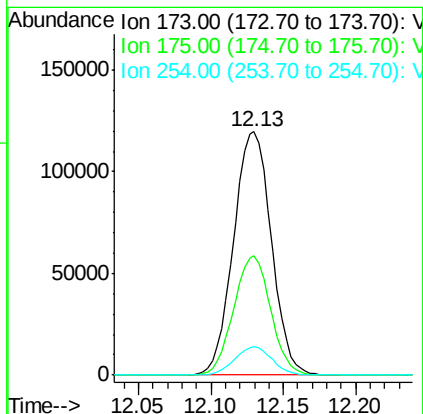
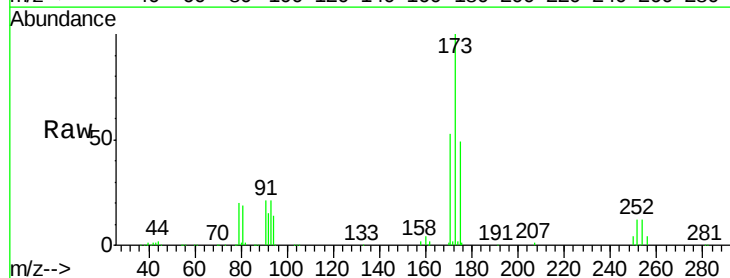
#55
2-Chloroethyl vinyl ether
Concen: 96.102 ug/l
RT: 9.70 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

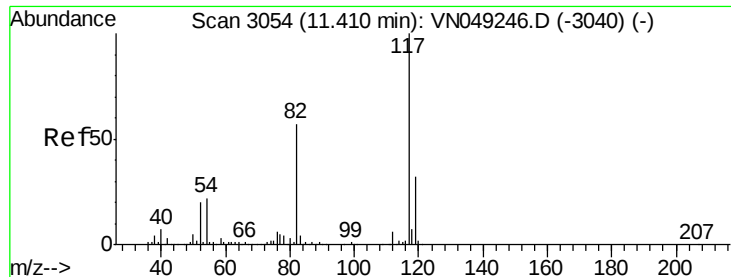
Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.5	38.3
106	27.5	21.8	32.6



#56
Bromoform
Concen: 18.560 ug/l
RT: 12.13 min Scan# 3278
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.8	38.6	57.8
254	11.4	8.8	13.2

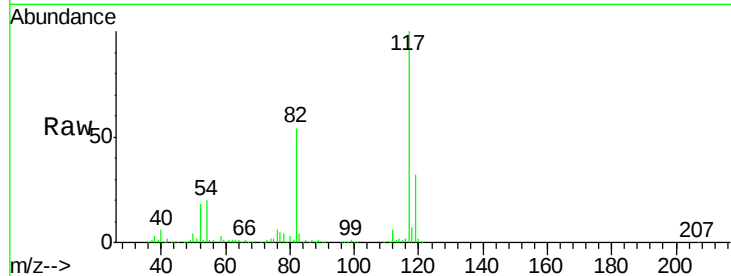




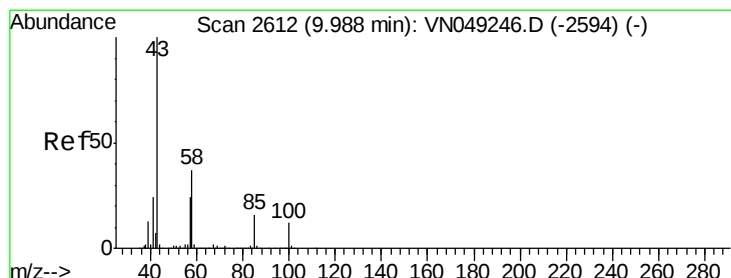
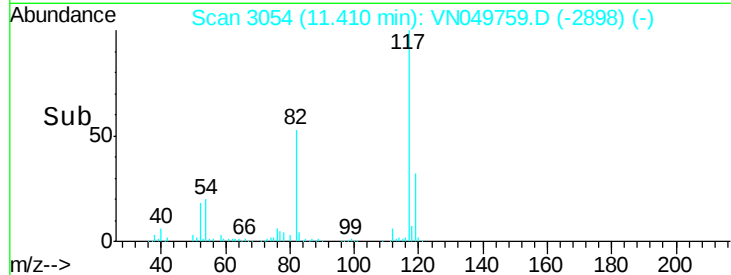
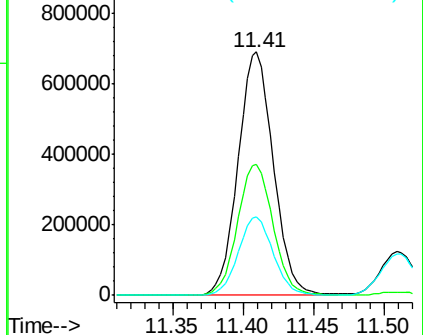
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion: 117 Resp: 1215184

Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.4	63.6
119	32.0	25.4	38.0



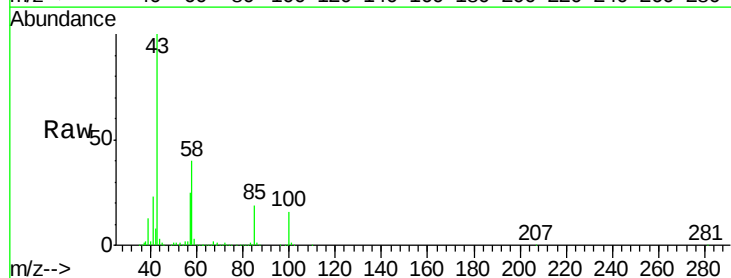
Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



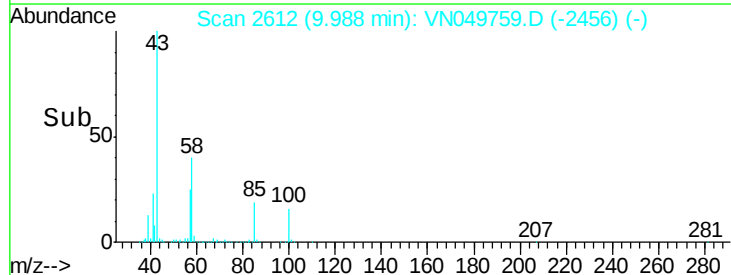
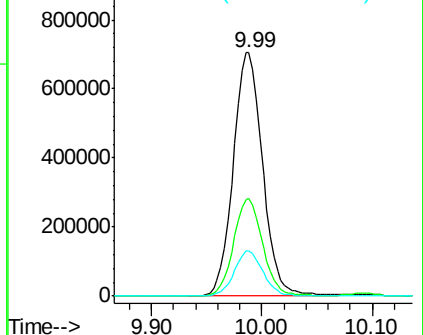
#58
4-Methyl-2-Pentanone
Concen: 98.357 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

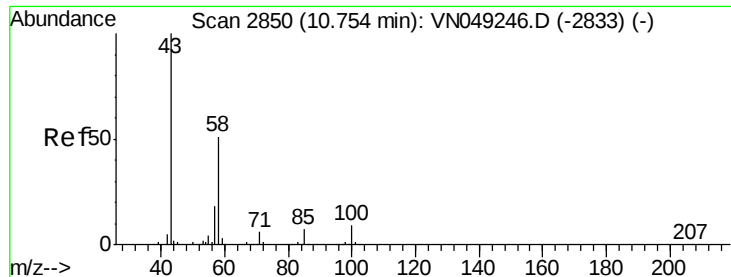
Tgt Ion: 43 Resp: 1299378

Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.2	46.8
85	18.2	14.4	21.6



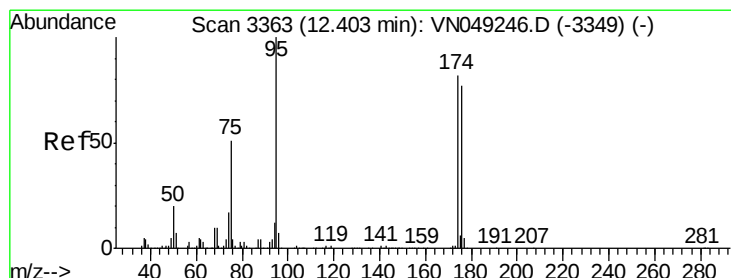
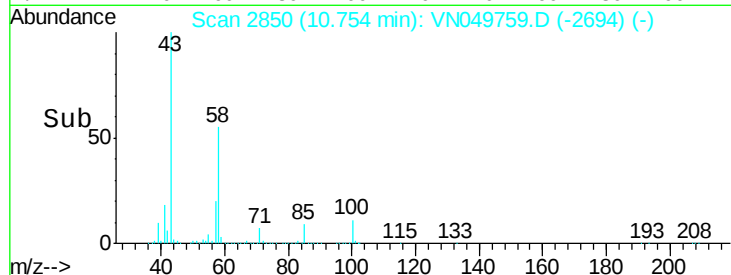
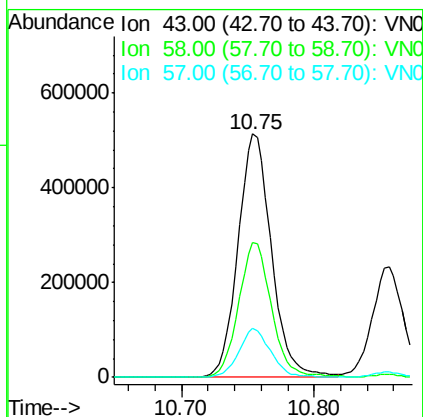
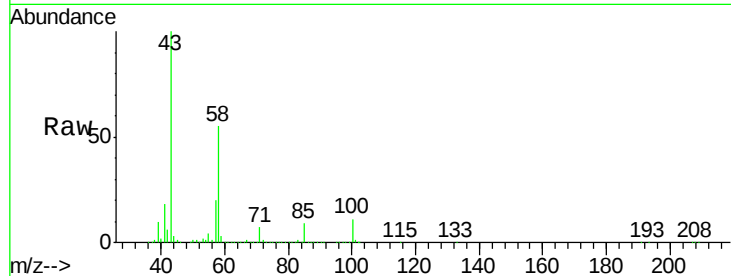
Abundance Ion 43.00 (42.70 to 43.70): V
Ion 58.00 (57.70 to 58.70): V
Ion 85.00 (84.70 to 85.70): V





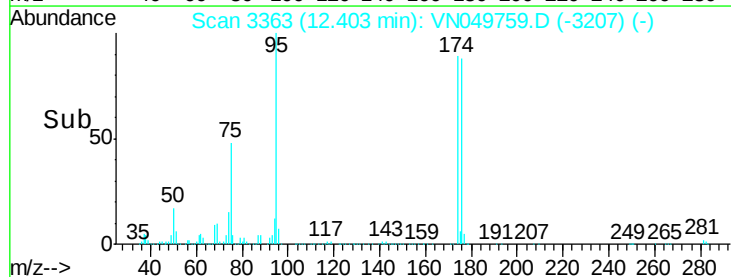
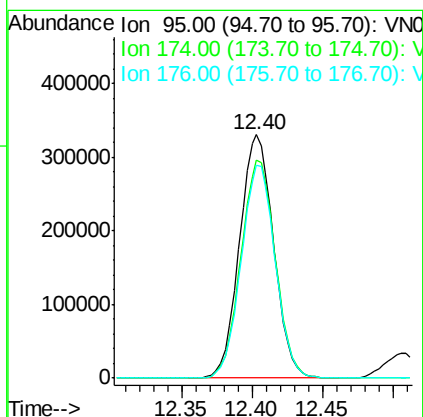
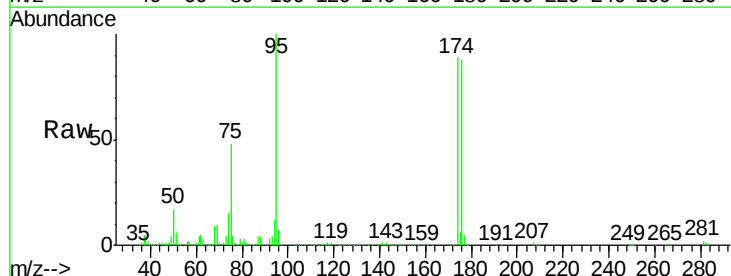
#59
2-Hexanone
Concen: 100.883 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

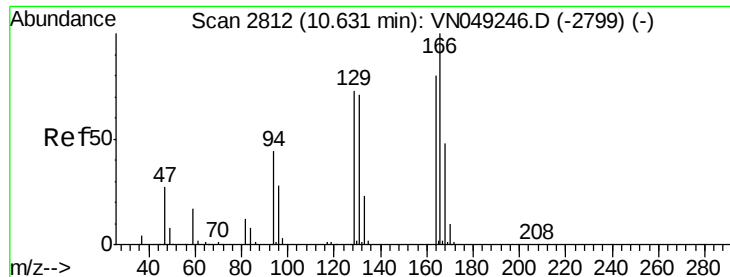
Tgt Ion: 43 Resp: 897115
Ion Ratio Lower Upper
43 100
58 54.4 43.8 65.8
57 19.2 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 29.784 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion: 95 Resp: 558711
Ion Ratio Lower Upper
95 100
174 90.5 72.3 108.5
176 87.7 70.0 105.0





#61

Tetrachloroethene

Concen: 19.815 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

Tgt Ion: 164 Resp: 302130

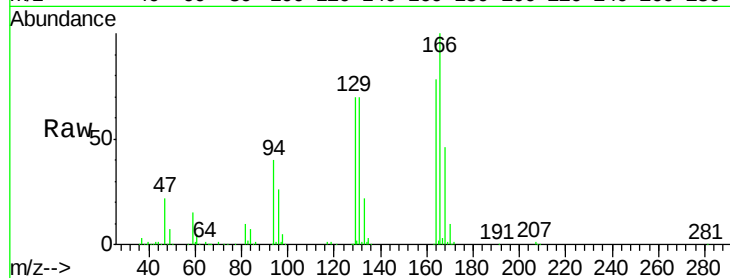
Ion Ratio Lower Upper

164 100

166 128.7 100.0 150.0

129 90.2 69.3 103.9

131 90.1 68.8 103.2

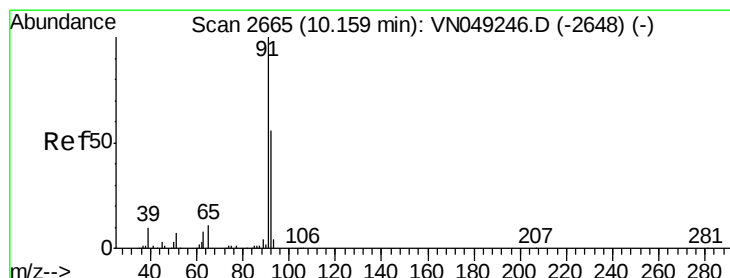
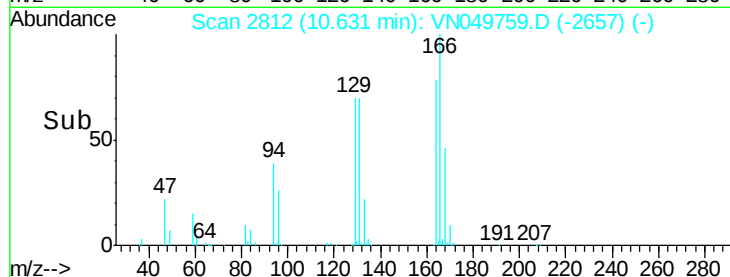
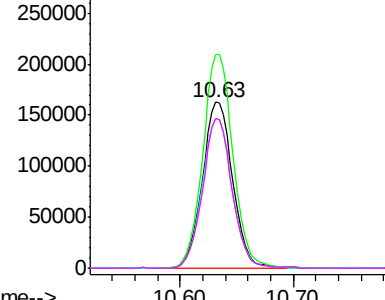


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.825 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN049759.D

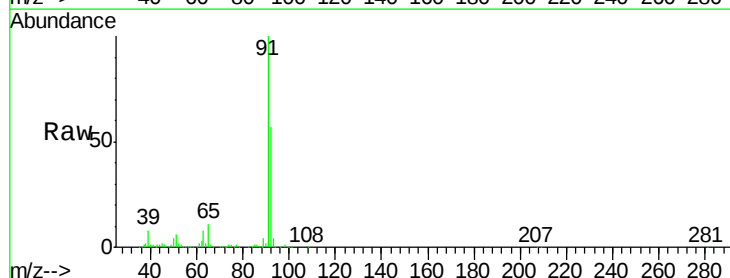
Acq: 11 Jul 2018 15:00

Tgt Ion: 91 Resp: 1380699

Ion Ratio Lower Upper

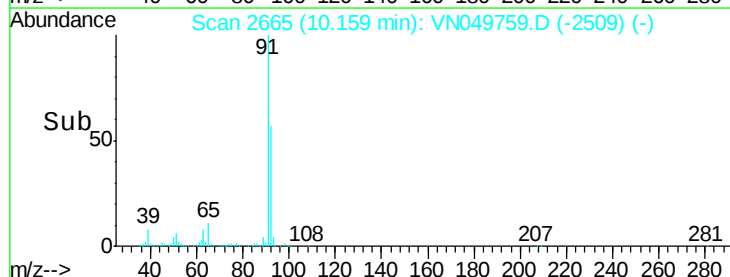
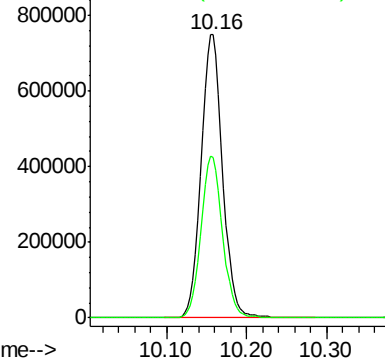
91 100

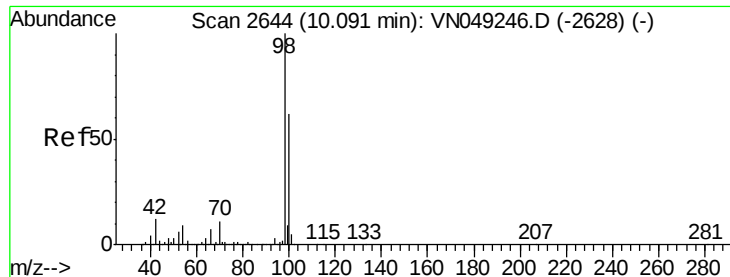
92 57.3 45.7 68.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

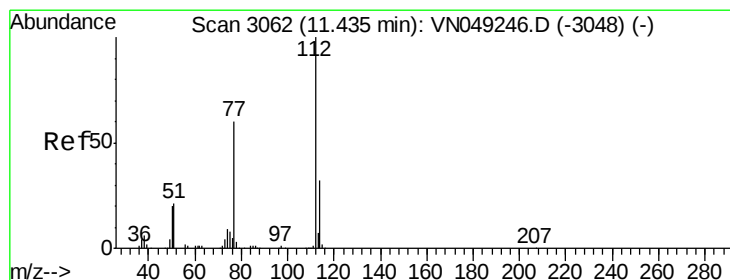
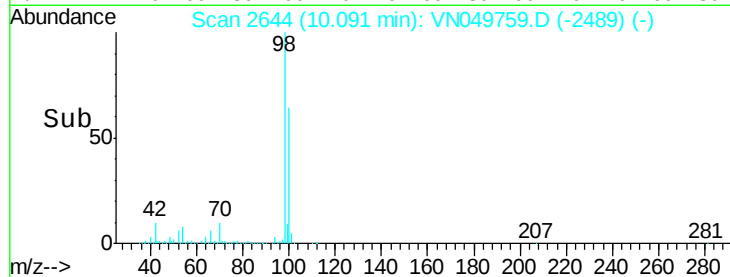
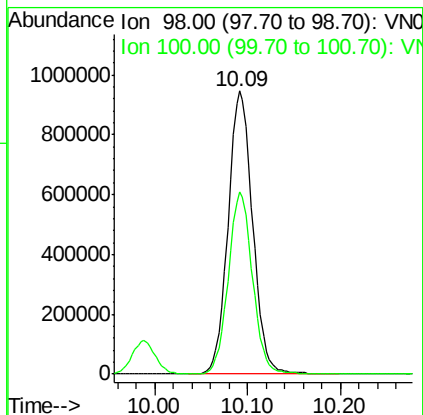
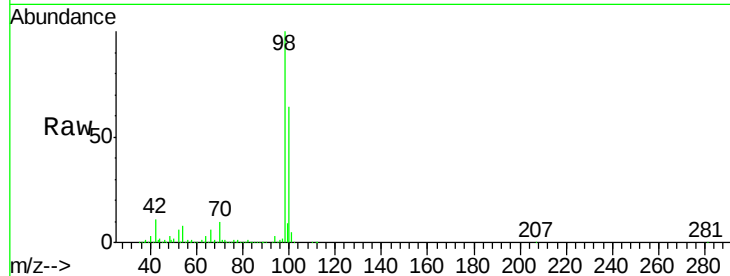
Ion 92.00 (91.70 to 92.70): VN0





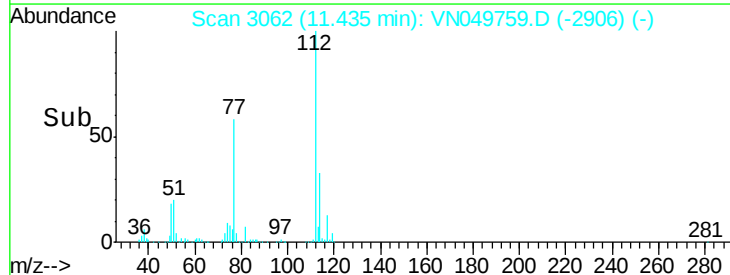
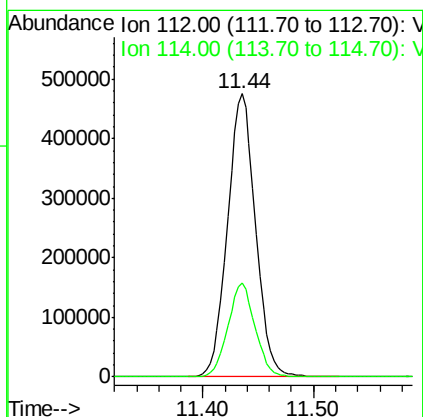
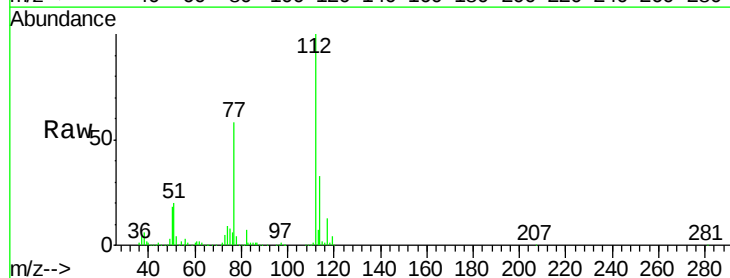
#63
Toluene-d8
Concen: 30.503 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

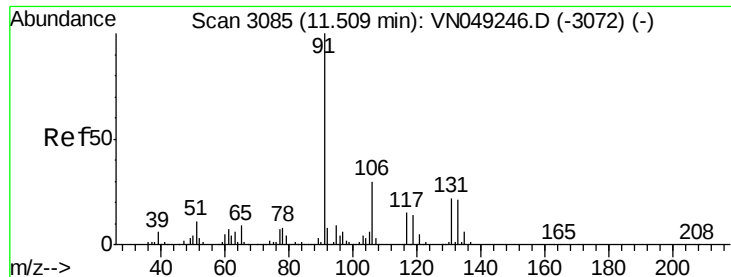
Tgt Ion: 98 Resp: 1732077
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8



#64
Chlorobenzene
Concen: 19.504 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion: 112 Resp: 833426
Ion Ratio Lower Upper
112 100
114 33.0 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 19.694 ug/l

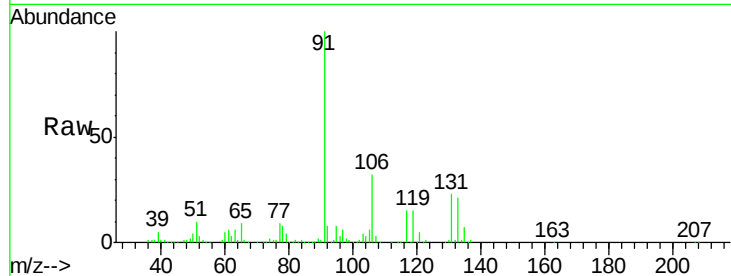
RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

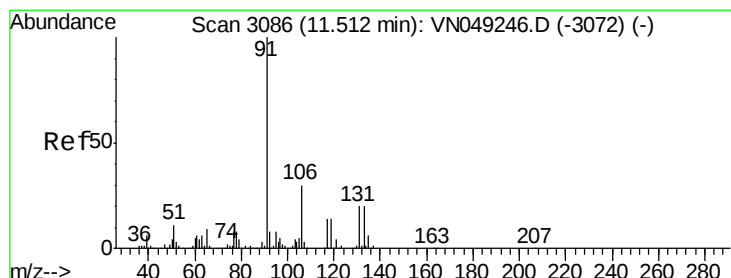
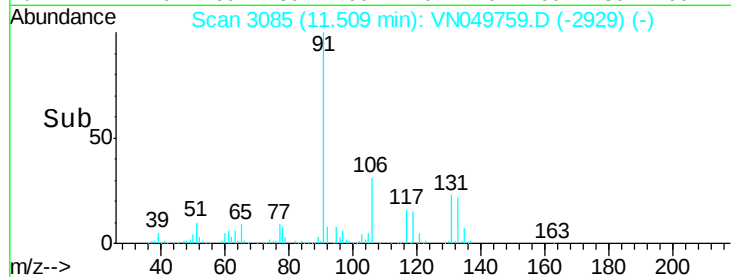
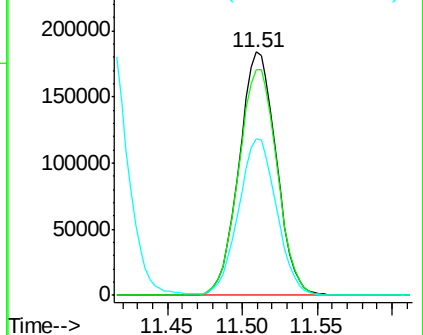
Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

Tgt Ion:	131	Resp:	319385
Ion	Ratio	Lower	Upper
131	100		
133	96.1	0.0	190.0
119	65.3	0.0	131.6



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.296 ug/l

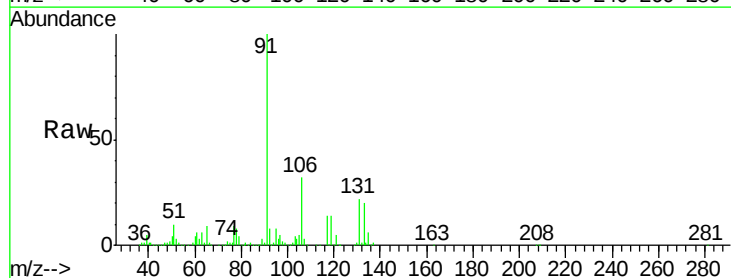
RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

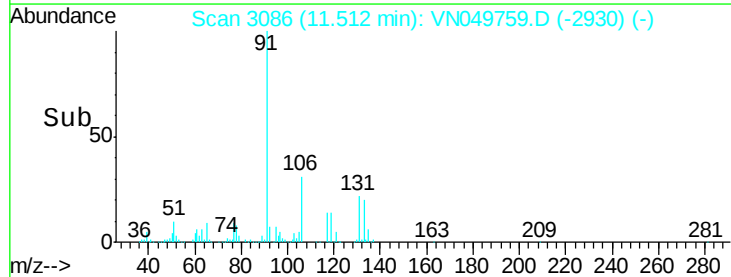
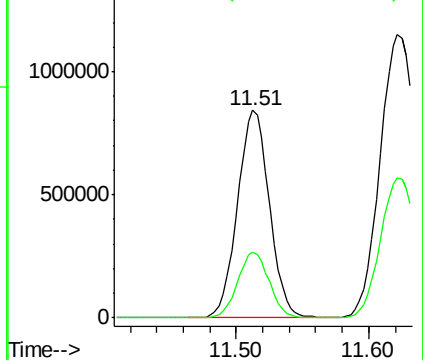
Lab File: VN049759.D

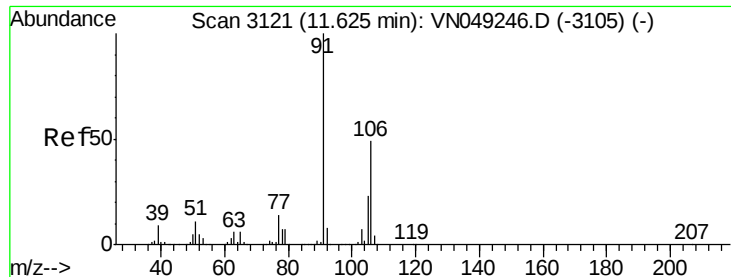
Acq: 11 Jul 2018 15:00

Tgt Ion:	91	Resp:	1409768
Ion	Ratio	Lower	Upper
91	100		
106	31.8	25.1	37.7



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 39.335 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049759.D

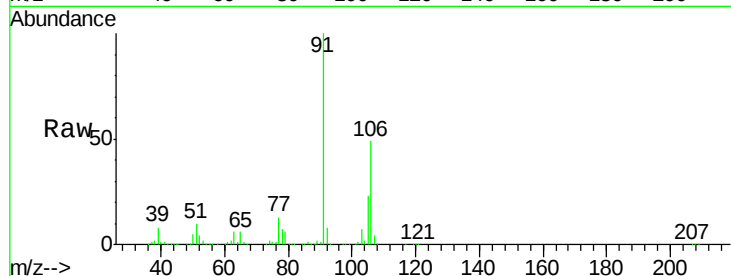
Acq: 11 Jul 2018 15:00

Tgt Ion:106 Resp: 1105488

Ion Ratio Lower Upper

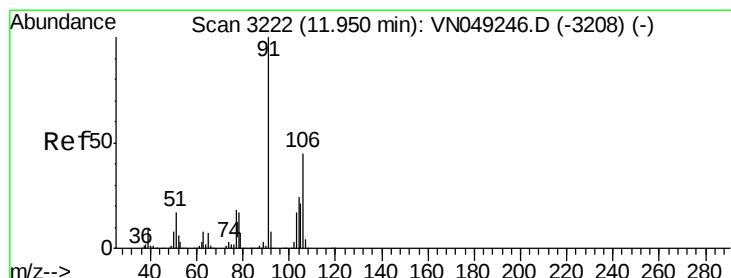
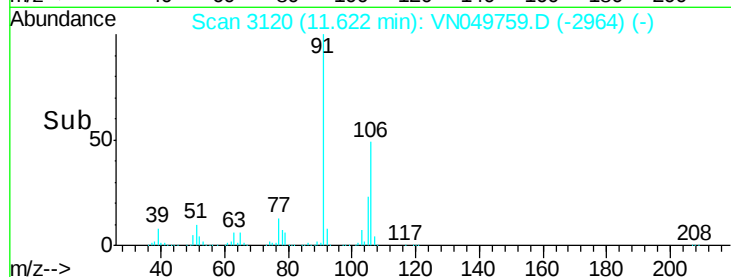
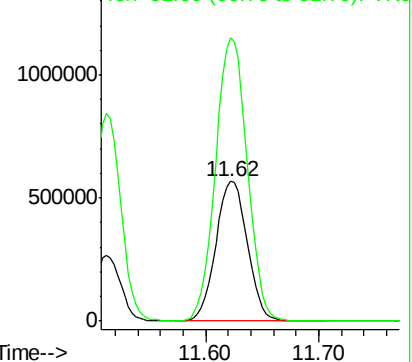
106 100

91 202.8 162.5 243.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 19.437 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049759.D

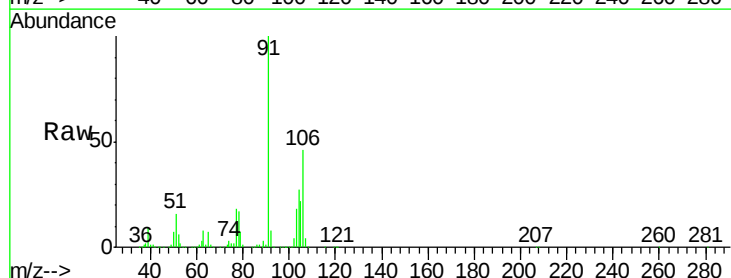
Acq: 11 Jul 2018 15:00

Tgt Ion:106 Resp: 521941

Ion Ratio Lower Upper

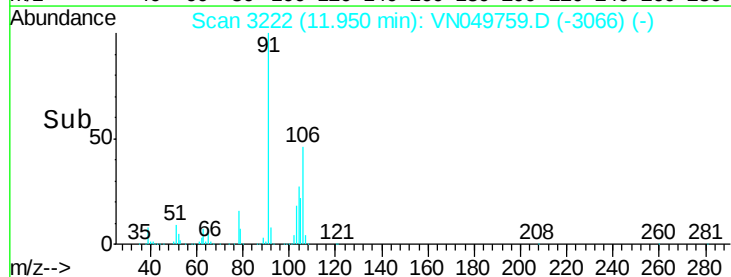
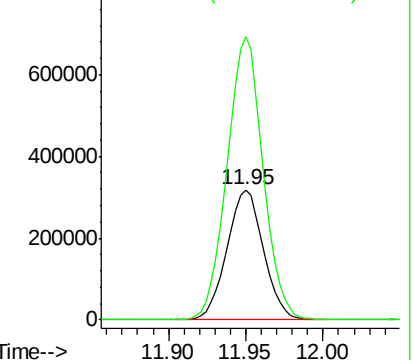
106 100

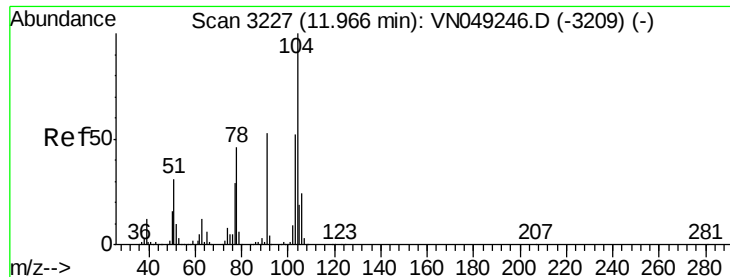
91 215.3 106.8 320.4



Abundance Ion 106.00 (105.70 to 106.70): V

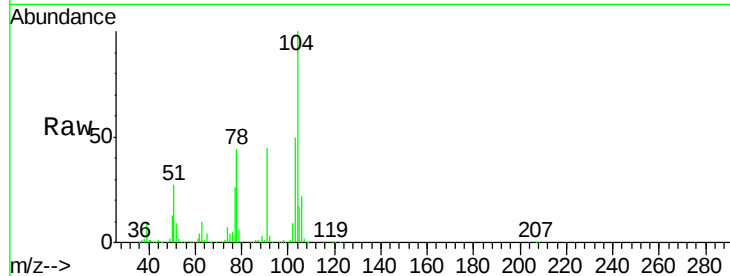
Ion 91.00 (90.70 to 91.70): VN0



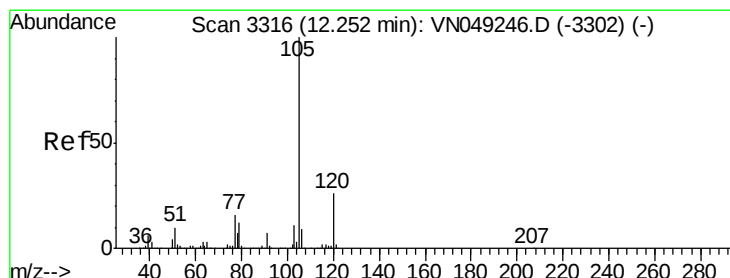
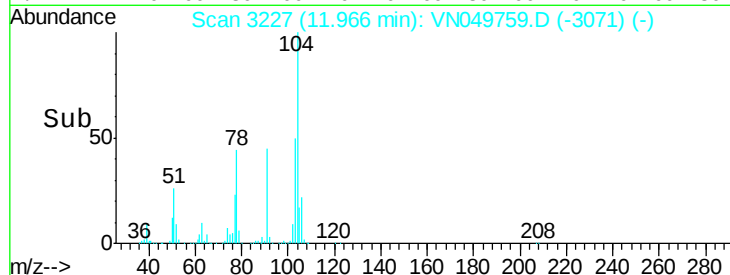
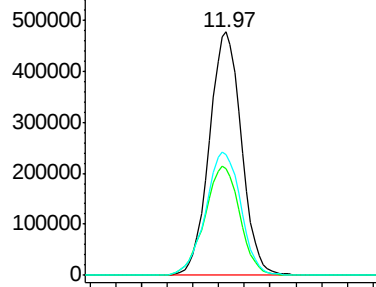


#69
Styrene
Concen: 19.263 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion:104 Resp: 825694
Ion Ratio Lower Upper
104 100
78 49.1 39.3 58.9
103 55.6 44.5 66.7

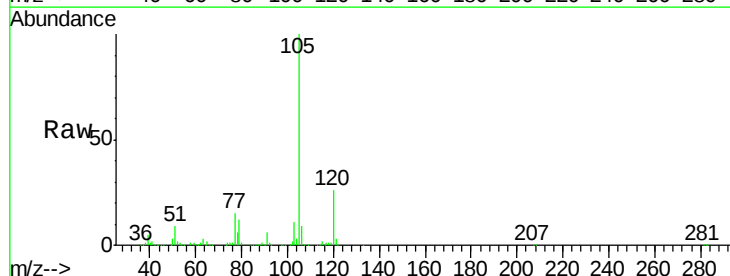


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

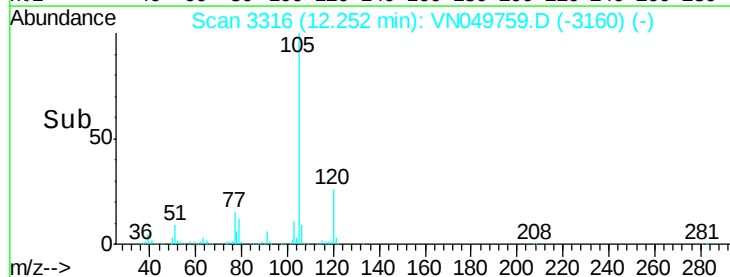
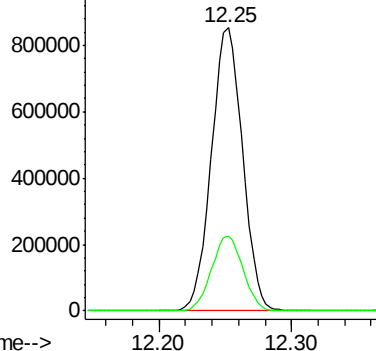


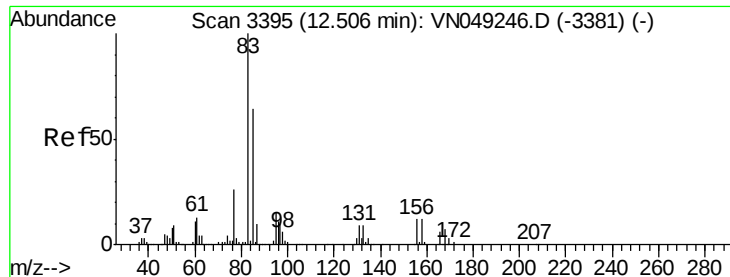
#70
Isopropylbenzene
Concen: 19.582 ug/l
RT: 12.25 min Scan# 3316
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion:105 Resp: 1394621
Ion Ratio Lower Upper
105 100
120 26.7 18.9 35.1



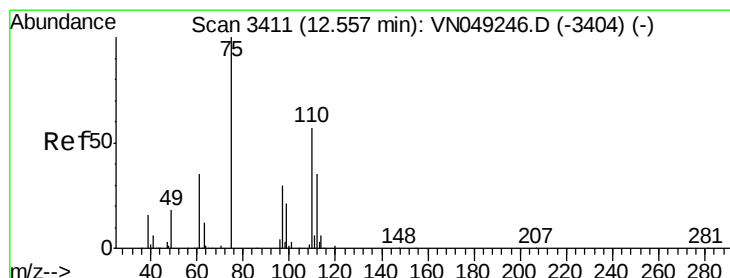
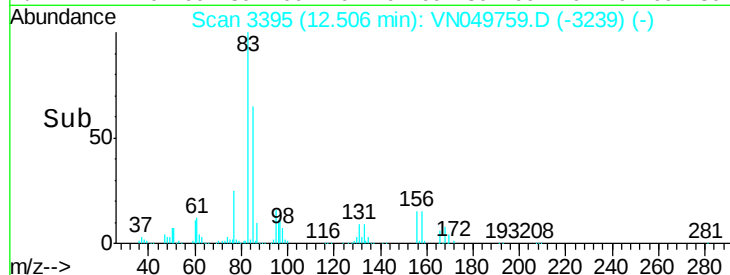
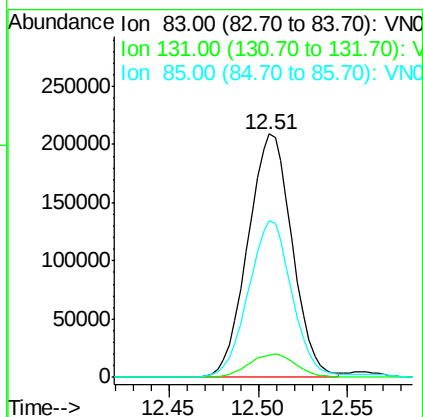
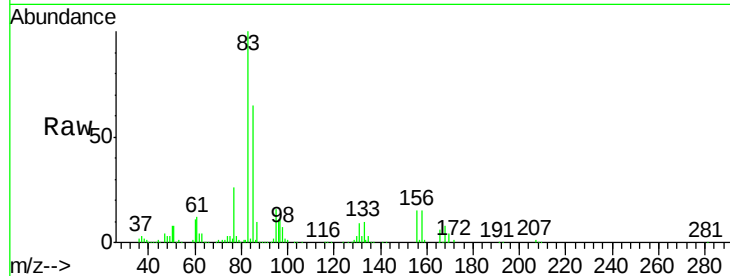
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





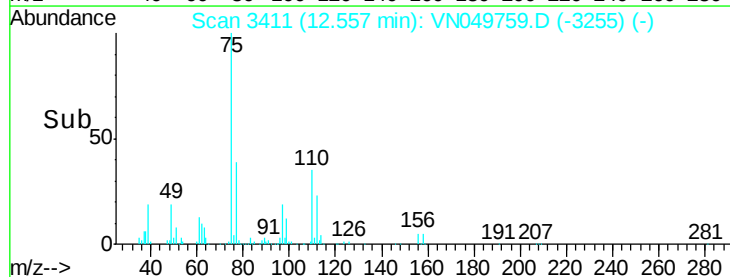
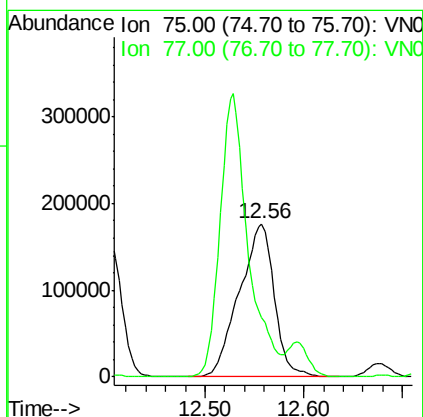
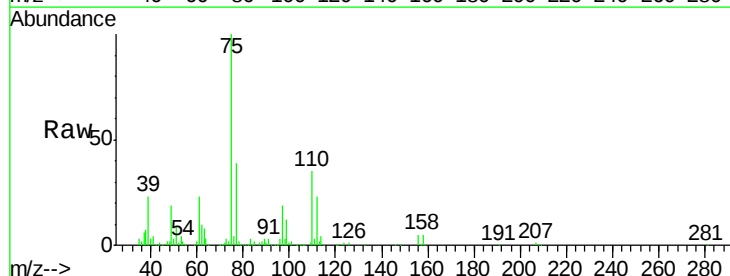
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.830 ug/l
 RT: 12.51 min Scan# 3395
 Delta R.T. 0.00 min
 Lab File: VN049759.D
 Acq: 11 Jul 2018 15:00

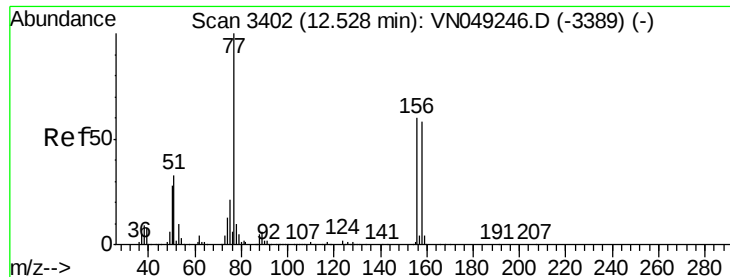
Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.2	15.6
85	63.2	31.7	95.1



#72
 1,2,3-Trichloropropane
 Concen: 29.597 ug/l
 RT: 12.56 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN049759.D
 Acq: 11 Jul 2018 15:00

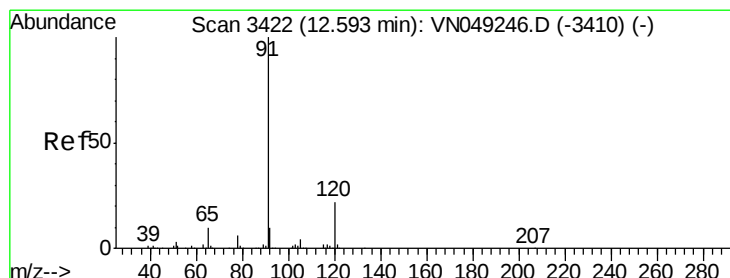
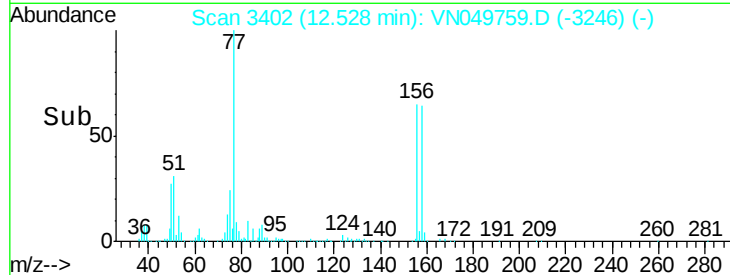
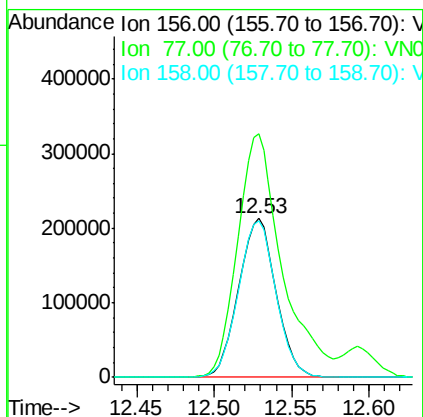
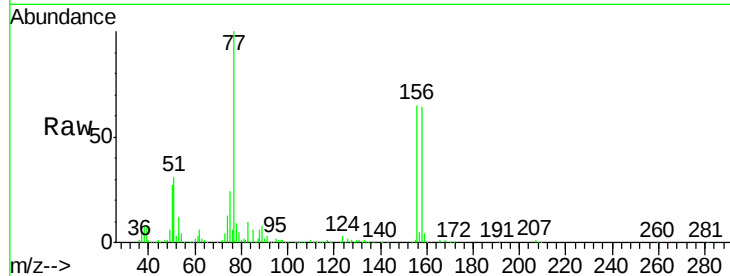
Tgt Ion	Ratio	Lower	Upper
75	100		
77	150.5	0.0	454.4





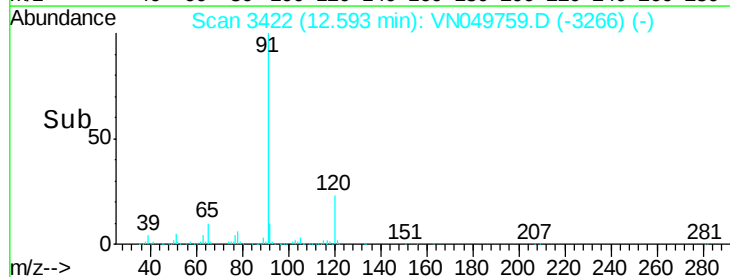
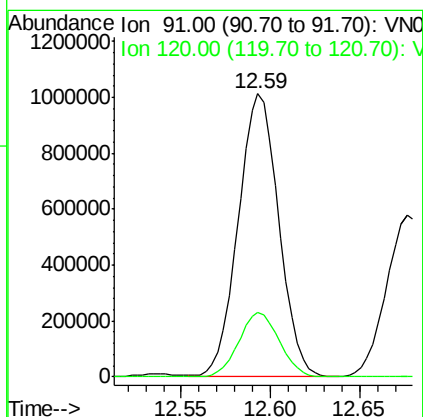
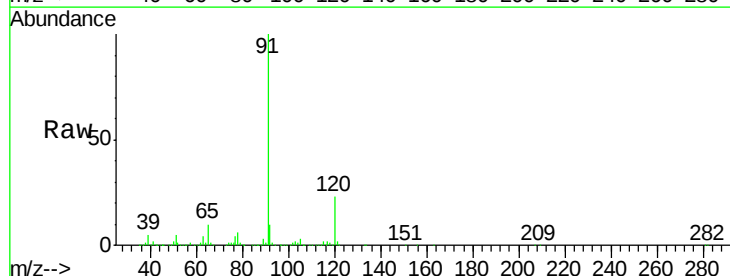
#73
Bromobenzene
Concen: 19.203 ug/l
RT: 12.53 min Scan# 3402
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

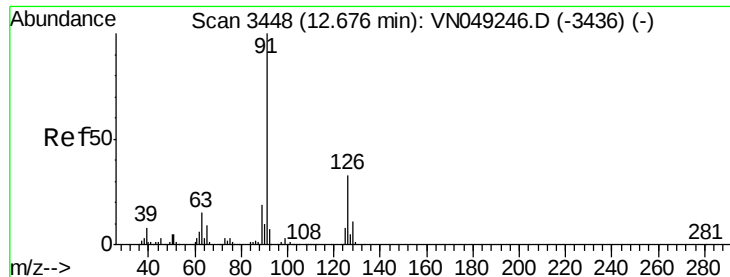
Tgt Ion: 156 Resp: 358549
Ion Ratio Lower Upper
156 100
77 181.9 0.0 359.8
158 99.1 0.0 192.8



#74
n-propylbenzene
Concen: 19.444 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion: 91 Resp: 1603047
Ion Ratio Lower Upper
91 100
120 22.8 0.0 46.4





#75

2-Chlorotoluene

Concen: 19.492 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049759.D

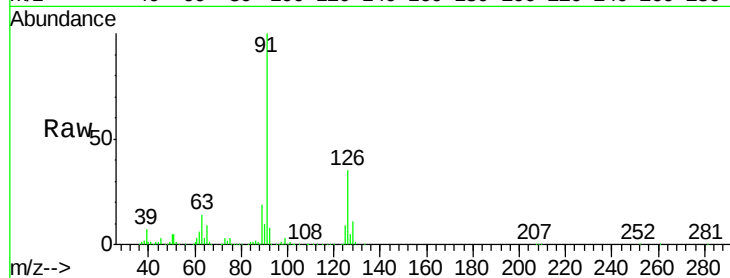
Acq: 11 Jul 2018 15:00

Tgt Ion: 91 Resp: 963839

Ion Ratio Lower Upper

91 100

126 35.0 0.0 68.6



Abundance Ion 91.00 (90.70 to 91.70): VN049246.D (-3436) (-)

Ion 126.00 (125.70 to 126.70): VN049246.D (-3436) (-)

1000000

800000

600000

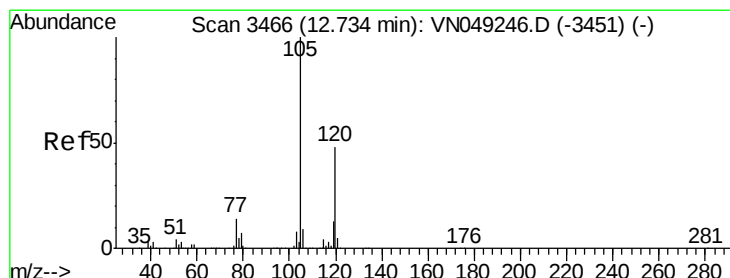
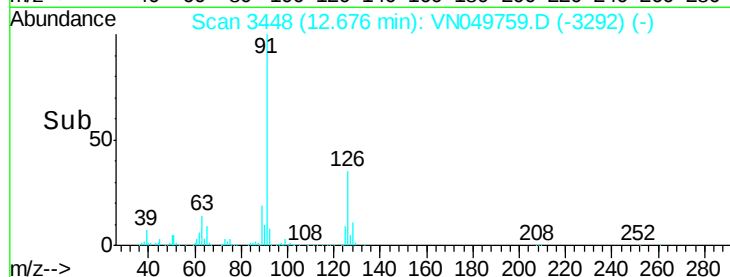
400000

200000

0

12.65 12.68 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 19.626 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049759.D

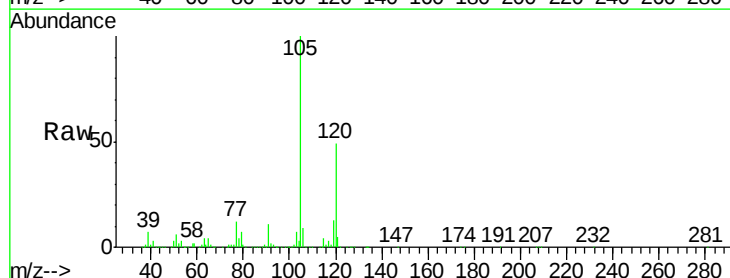
Acq: 11 Jul 2018 15:00

Tgt Ion: 105 Resp: 1135949

Ion Ratio Lower Upper

105 100

120 49.3 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): VN049246.D (-3451) (-)

Ion 120.00 (119.70 to 120.70): VN049246.D (-3451) (-)

800000

600000

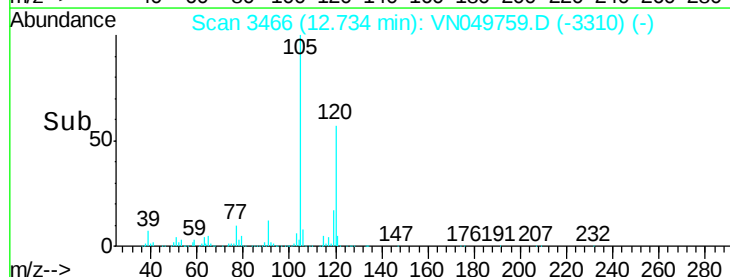
400000

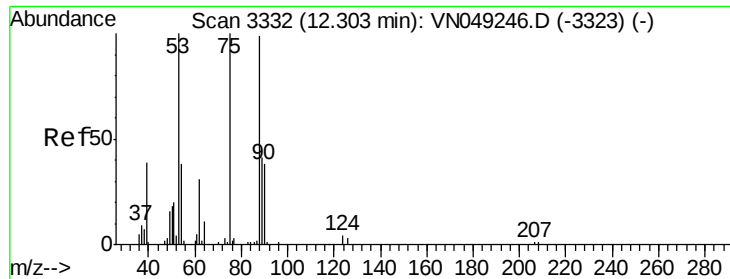
200000

0

12.65 12.70 12.75 12.80

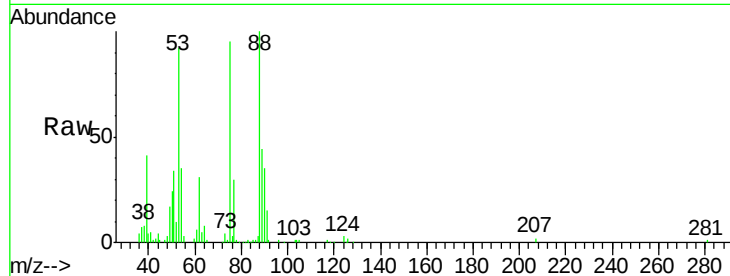
Time-->



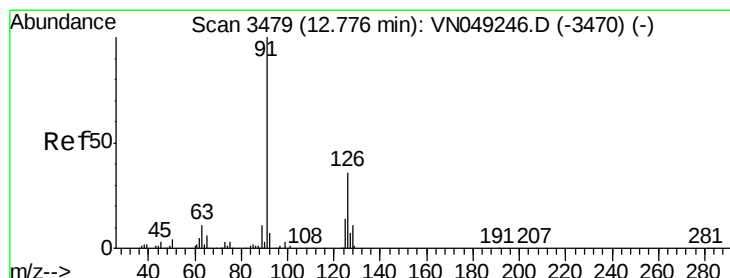
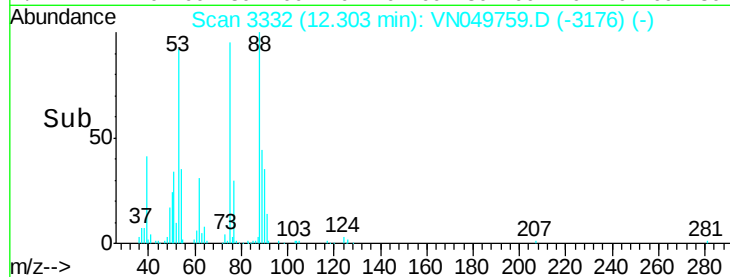
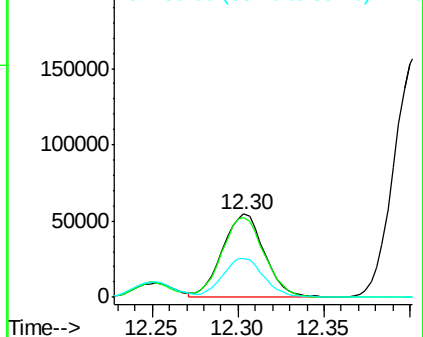


#77
t-1,4-Dichloro-2-butene
Concen: 18.248 ug/l
RT: 12.30 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion: 75 Resp: 93605
Ion Ratio Lower Upper
75 100
53 96.7 44.6 134.0
89 46.7 20.7 62.1

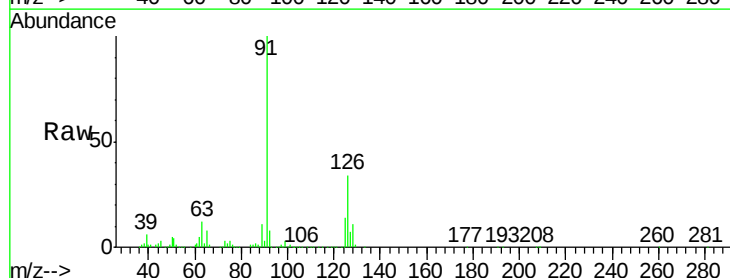


Abundance Ion 75.00 (74.70 to 75.70): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 89.00 (88.70 to 89.70): VN0

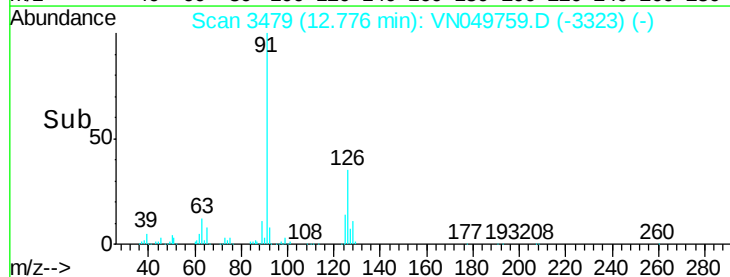
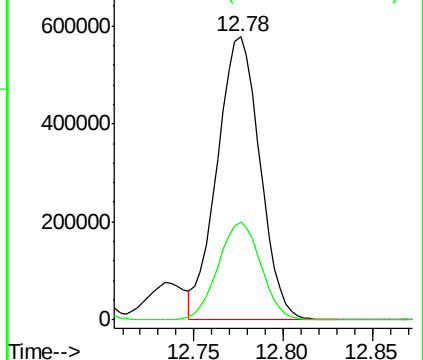


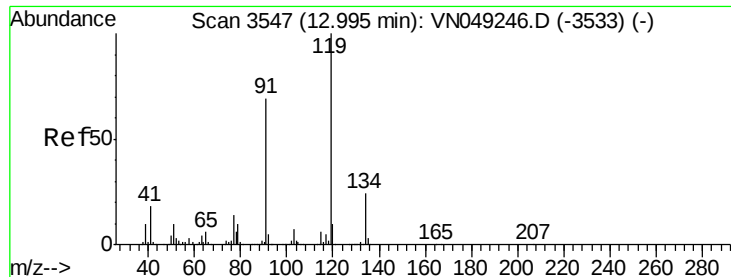
#78
4-Chlorotoluene
Concen: 19.471 ug/l
RT: 12.78 min Scan# 3479
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion: 91 Resp: 960049
Ion Ratio Lower Upper
91 100
126 34.6 0.0 68.4



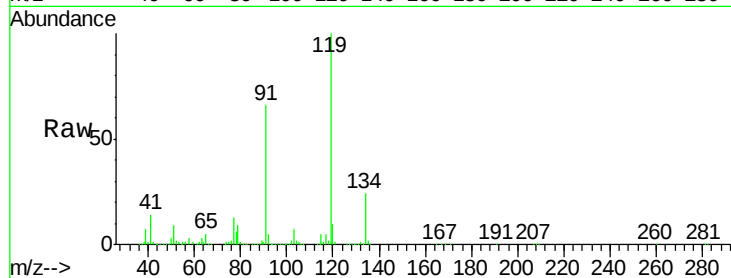
Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 126.00 (125.70 to 126.70): V



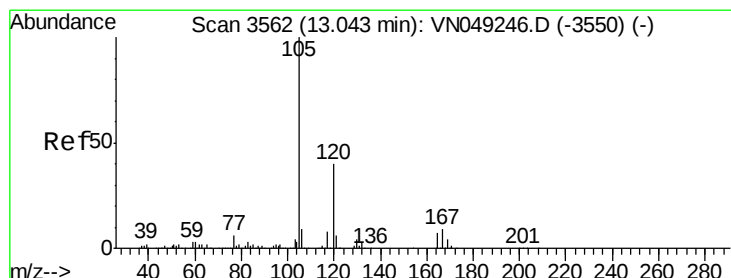
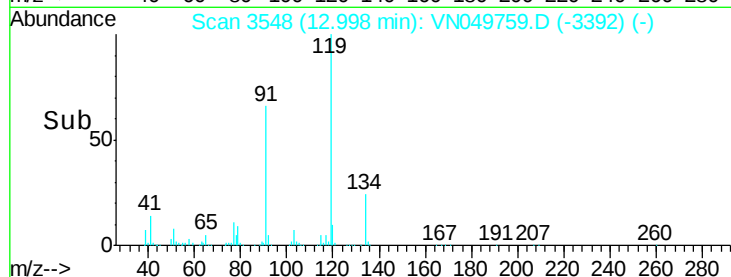
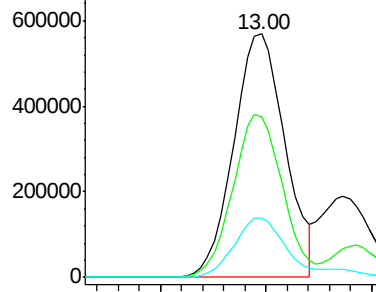


#79
tert-butylbenzene
Concen: 19.175 ug/l
RT: 13.00 min Scan# 3548
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion:119 Resp: 963336
Ion Ratio Lower Upper
119 100
91 64.6 0.0 126.8
134 24.1 0.0 47.4

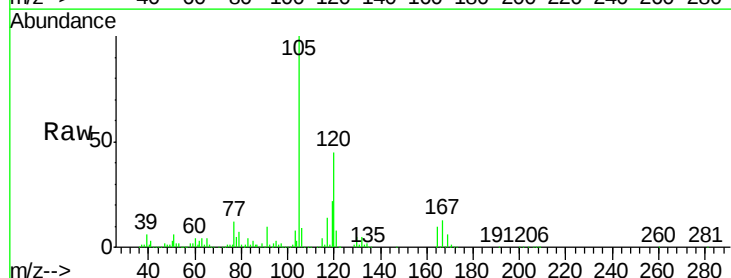


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

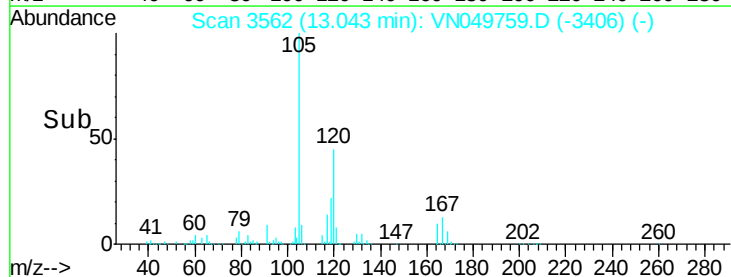
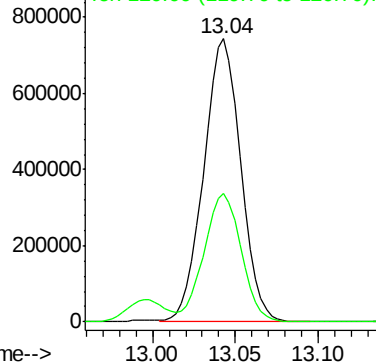


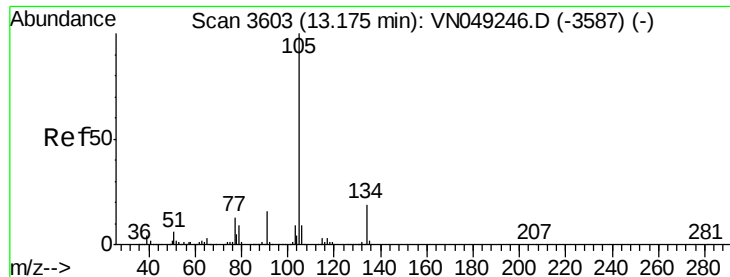
#80
1,2,4-Trimethylbenzene
Concen: 19.717 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion:105 Resp: 1152071
Ion Ratio Lower Upper
105 100
120 45.7 0.0 90.6



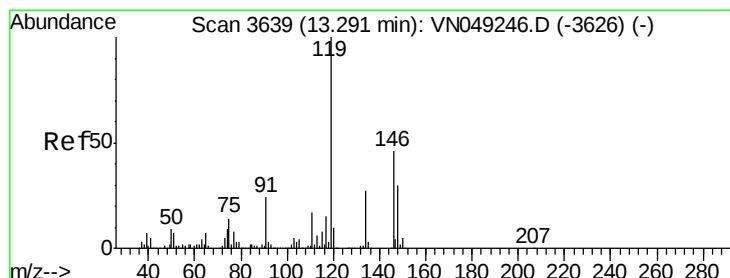
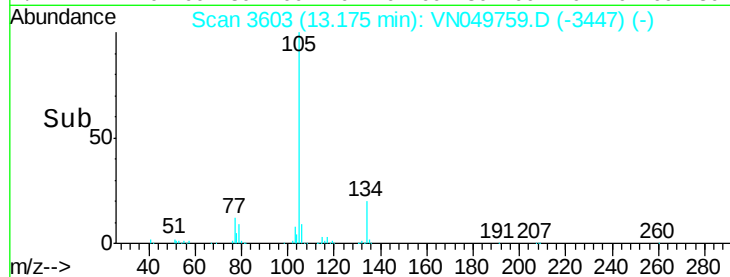
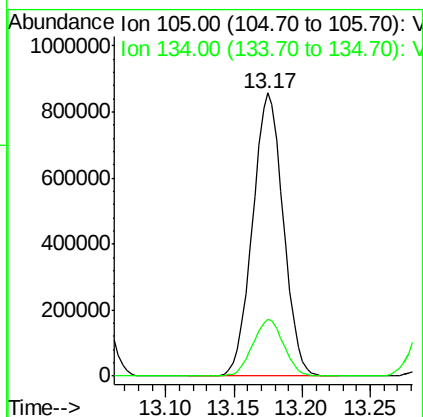
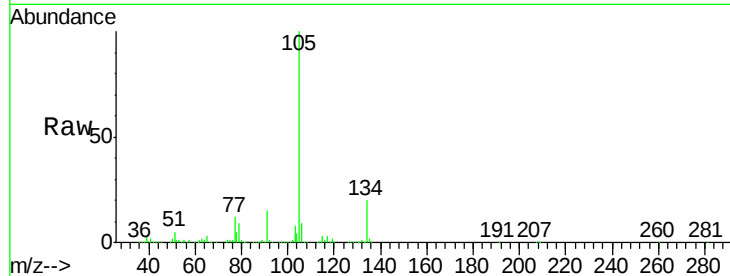
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





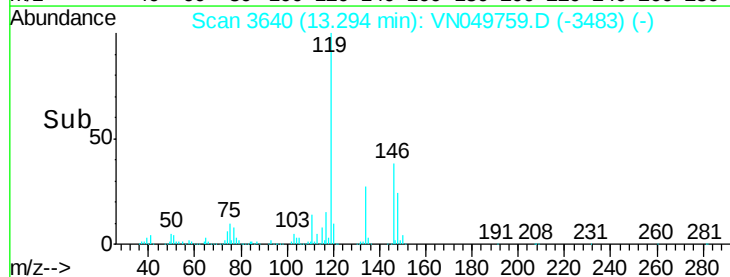
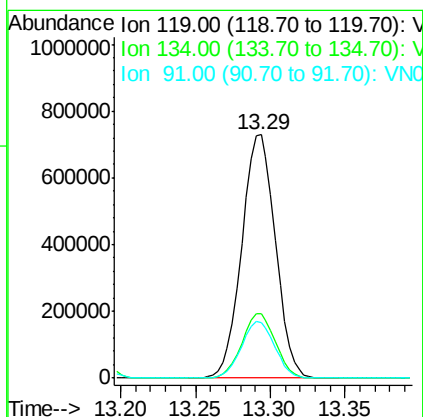
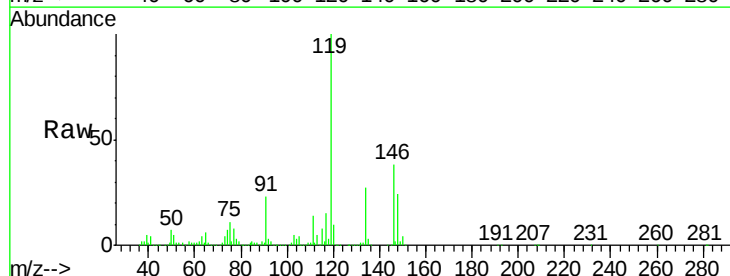
#81
 sec-Butylbenzene
 Concen: 19.760 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049759.D
 Acq: 11 Jul 2018 15:00

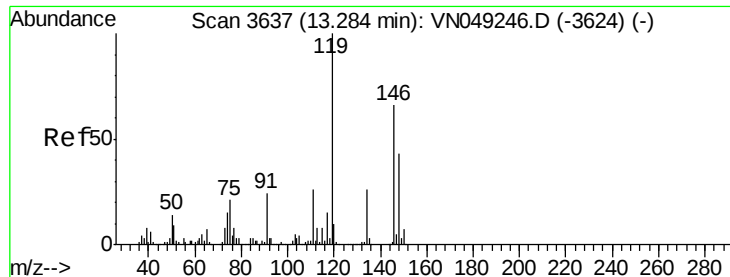
Tgt Ion:105 Resp: 1333358
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 40.6



#82
 p-Isopropyltoluene
 Concen: 19.600 ug/l
 RT: 13.29 min Scan# 3640
 Delta R.T. 0.00 min
 Lab File: VN049759.D
 Acq: 11 Jul 2018 15:00

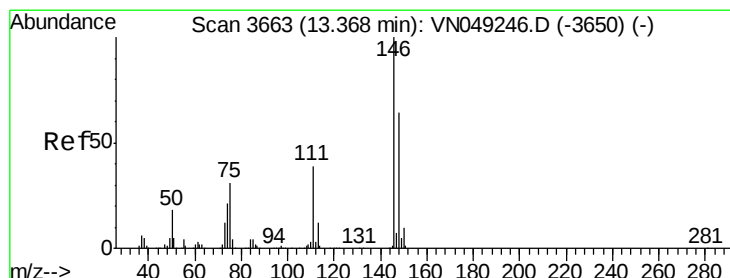
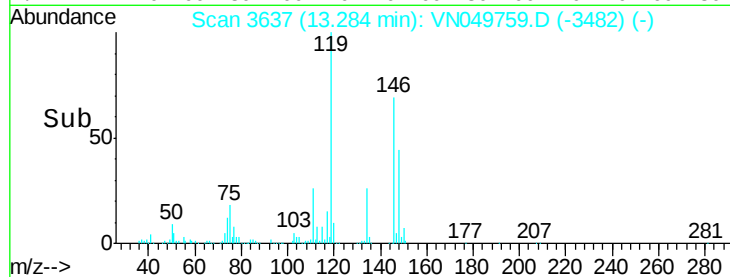
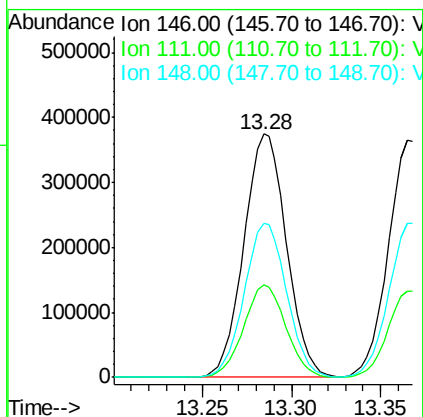
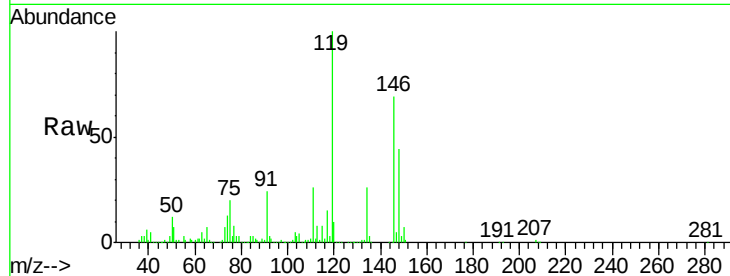
Tgt Ion:119 Resp: 1143698
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.2
 91 23.0 0.0 45.6





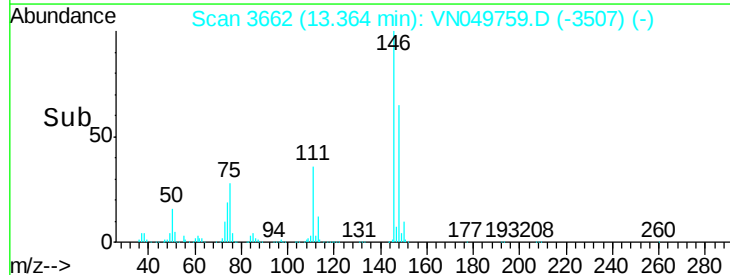
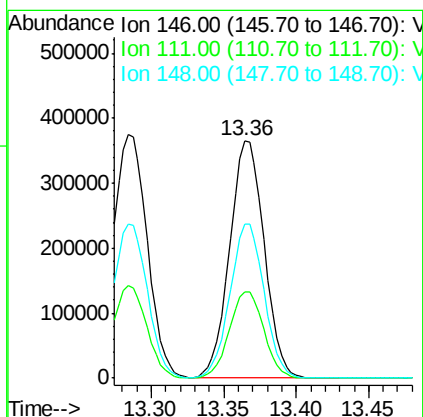
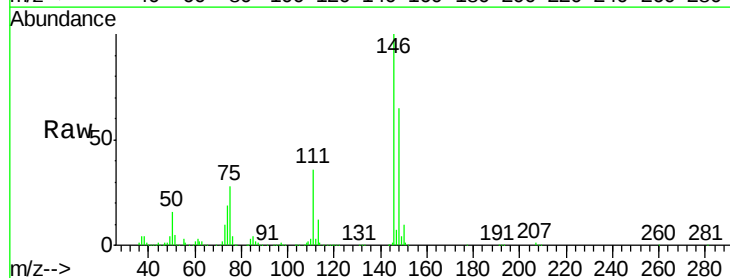
#83
 1,3-Dichlorobenzene
 Concen: 19.330 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN049759.D
 Acq: 11 Jul 2018 15:00

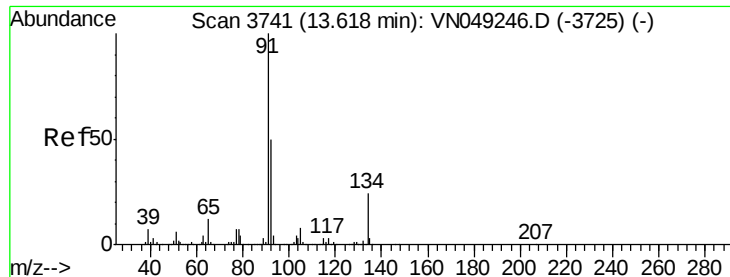
Tgt Ion:146 Resp: 626260
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.1 57.1
 148 63.2 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 19.415 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049759.D
 Acq: 11 Jul 2018 15:00

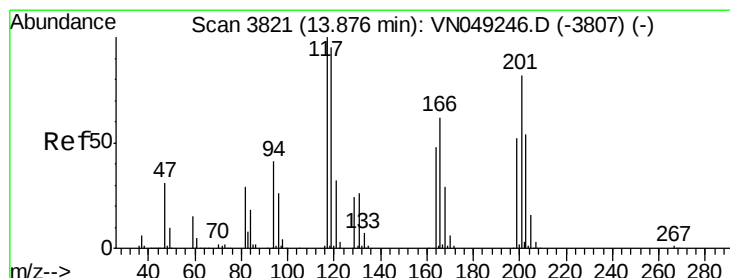
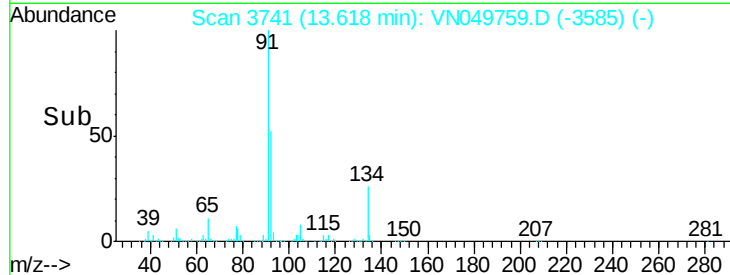
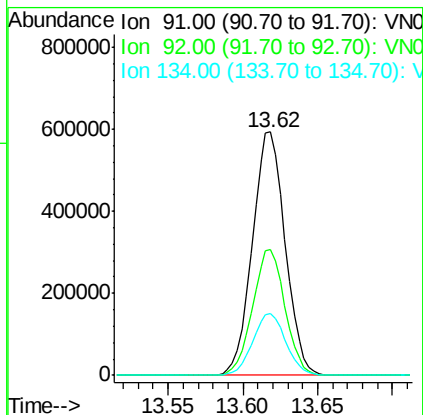
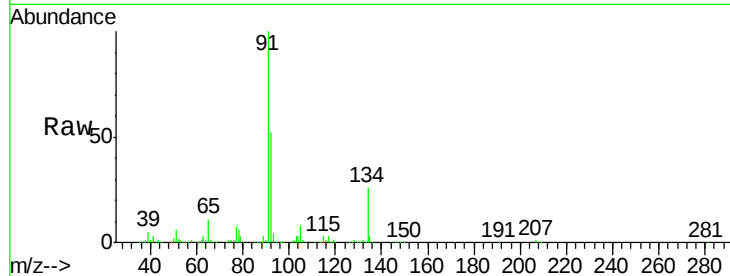
Tgt Ion:146 Resp: 602511
 Ion Ratio Lower Upper
 146 100
 111 36.3 17.9 53.8
 148 64.3 32.4 97.0





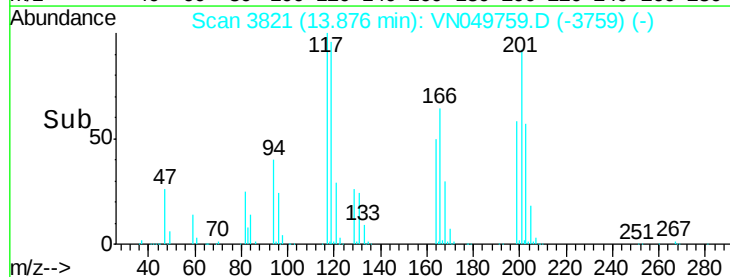
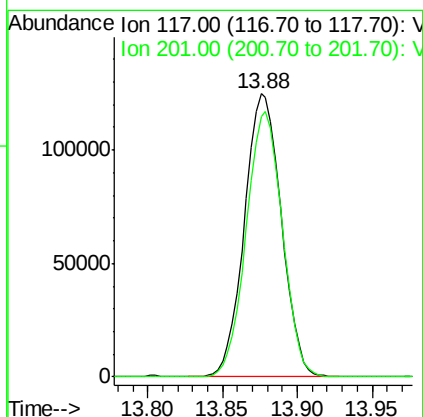
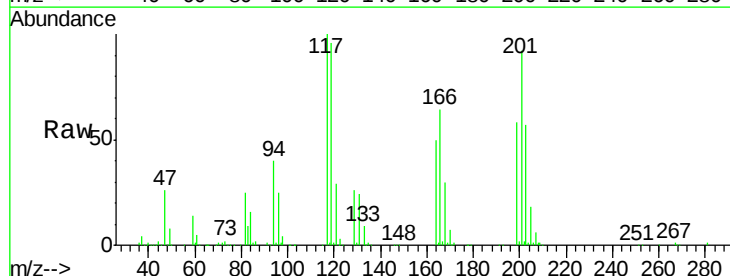
#85
n-Butylbenzene
Concen: 19.015 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

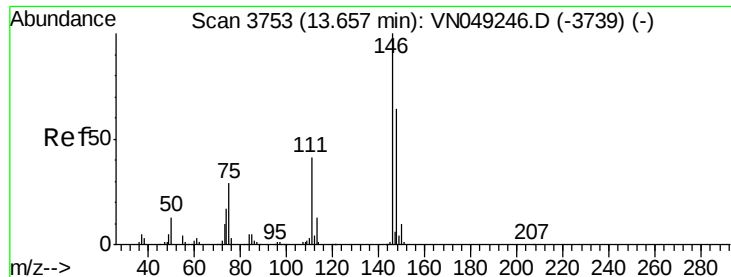
Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.2	0.0	102.8
134	25.8	0.0	51.0



#86
Hexachloroethane
Concen: 19.222 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

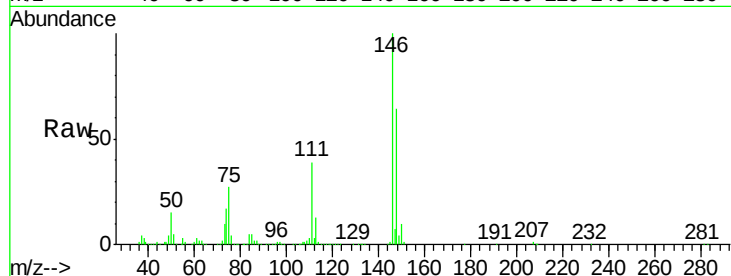
Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.2	46.6	139.7



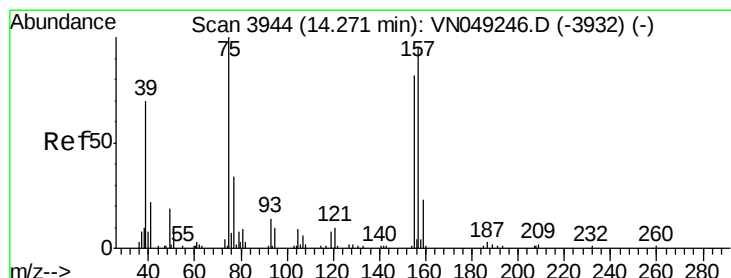
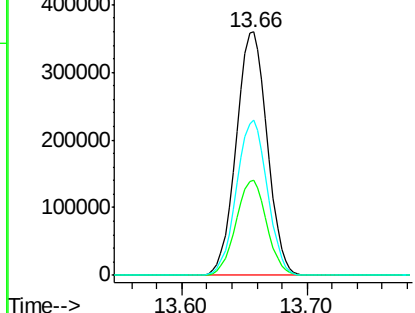
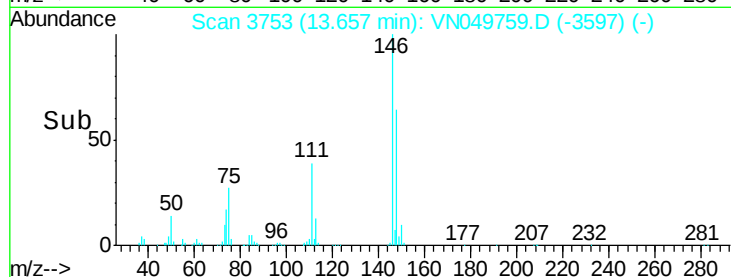


#87
 1,2-Dichlorobenzene
 Concen: 19.769 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049759.D
 Acq: 11 Jul 2018 15:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.8	59.3
148	63.4	31.8	95.3

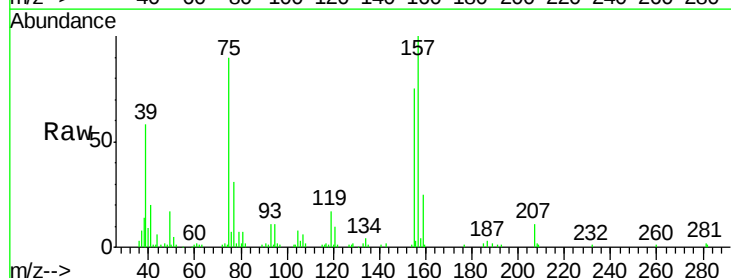


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

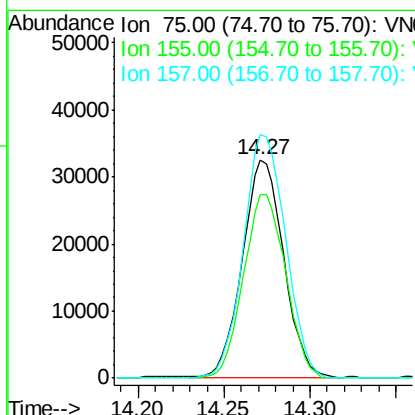
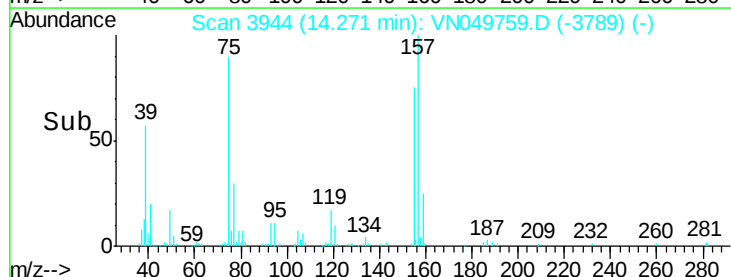


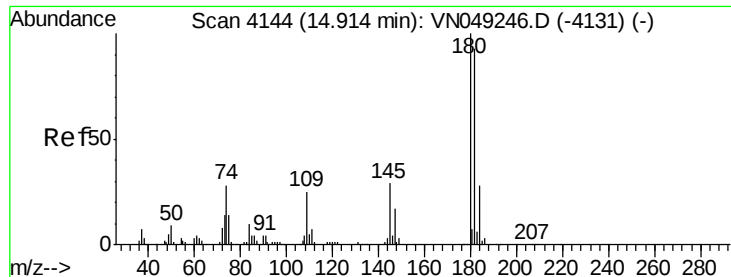
#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.979 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN049759.D
 Acq: 11 Jul 2018 15:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.2	73.0	109.6
157	113.7	94.9	142.3



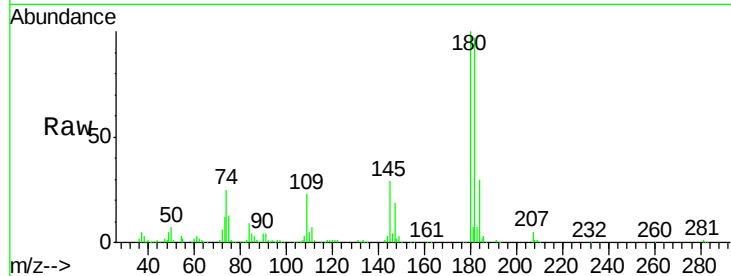
Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V



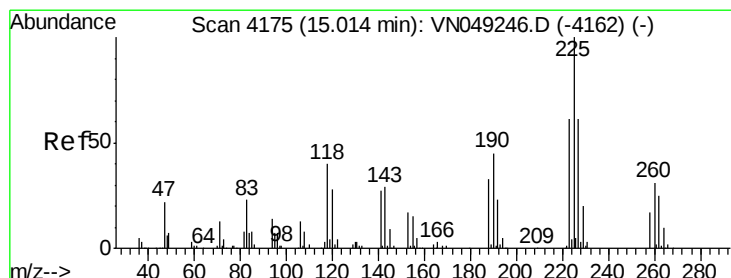
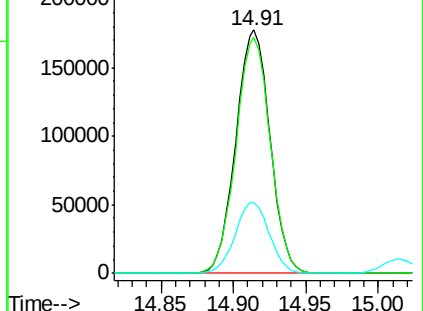
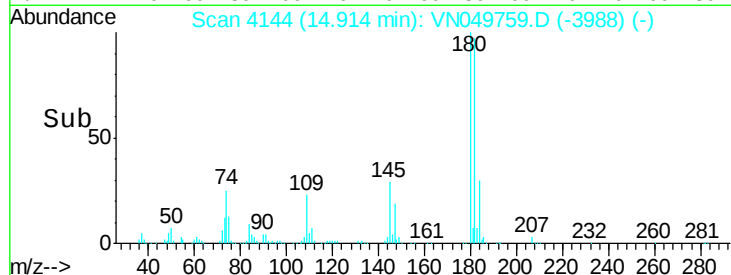


#89
 1,2,4-Trichlorobenzene
 Concen: 18.505 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049759.D
 Acq: 11 Jul 2018 15:00

Tgt Ion:180 Resp: 291584
 Ion Ratio Lower Upper
 180 100
 182 97.0 76.7 115.1
 145 29.1 23.4 35.0

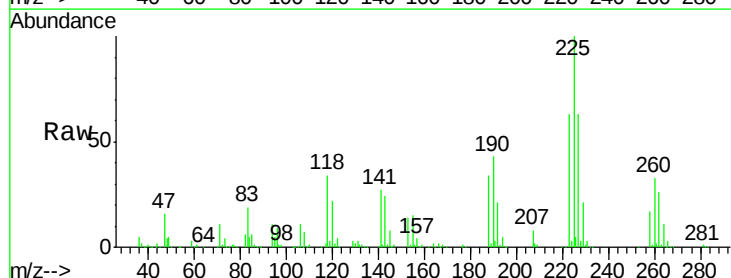


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

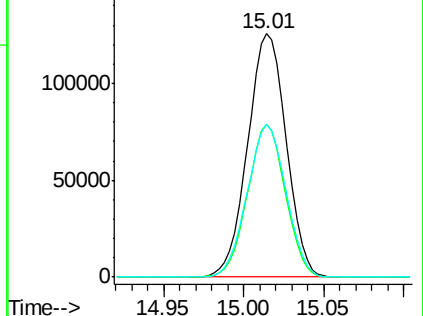
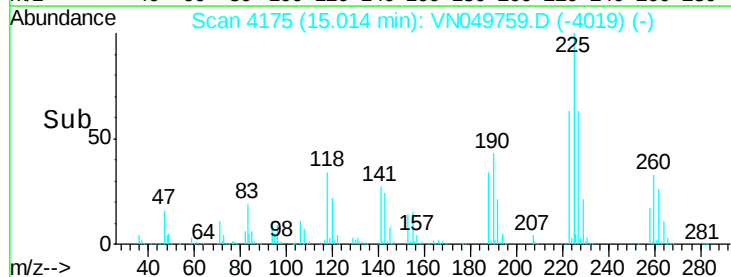


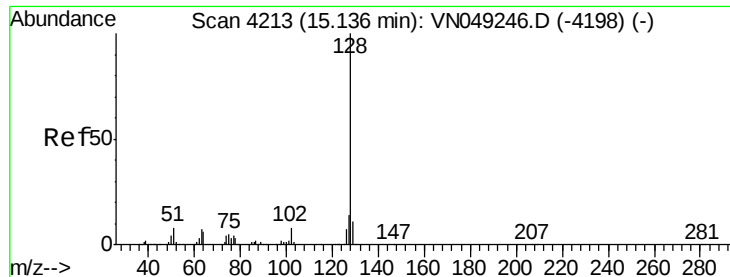
#90
 Hexachlorobutadiene
 Concen: 20.760 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049759.D
 Acq: 11 Jul 2018 15:00

Tgt Ion:225 Resp: 208171
 Ion Ratio Lower Upper
 225 100
 223 61.2 0.0 124.4
 227 63.0 0.0 133.0



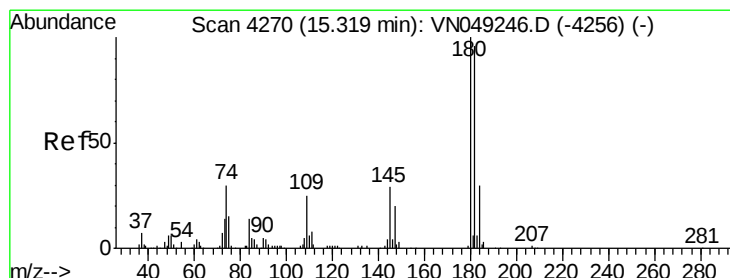
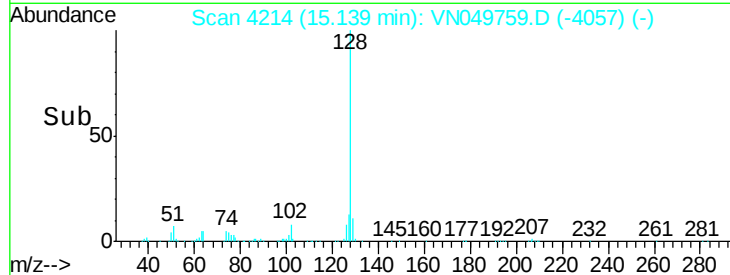
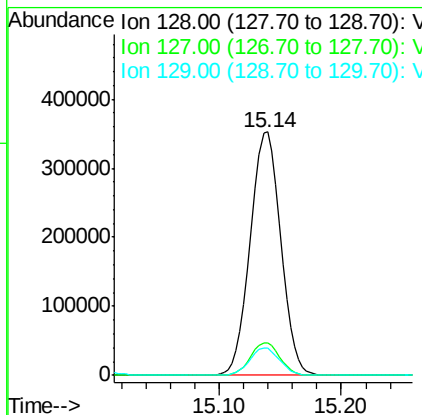
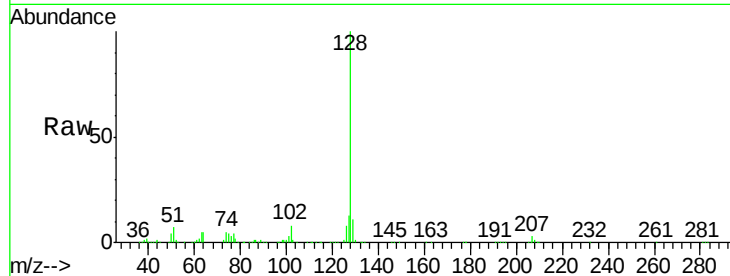
Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91
Naphthalene
Concen: 17.503 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion:128 Resp: 607834
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 19.259 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion:180 Resp: 304407
Ion Ratio Lower Upper
180 100
182 94.9 0.0 188.8
145 30.5 0.0 60.8

